Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

United States
Department of
Agriculture

Agricultural
Research
Service

Miscellaneous
Publication
Number 1505

Releases of Beneficial Organisms in the United States and Territories–1982

Abstract

Coulson, Jack R., compiler. 1992. Releases of Beneficial Organisms in the United States and Territories—1982. U.S. Department of Agriculture, Miscellaneous Publication No. 1505, 529 pp.

This is the second of two reports on the releases of introduced beneficial organisms in the United States and its Territories for biological control of pests or for crop pollination. This report is produced from the computerized data base "Releases of Beneficial Organisms" (ROBO) of the Agricultural Research Service Biological Control Documentation Center. It may be the last such published report since this type of information for subsequent years will soon be available in electronic form from the ROBO data base.

Well over 20 million individuals of at least 151 species of insect and mite parasites and predators, almost exclusively of foreign origin, were released against at least 79 insect and mite pests, also predominantly introduced species, in the United States and its Territories in 1982. Also released that year were over 9 million individuals of 21 species of exotic natural enemies of 18 species of introduced weeds. In addition 7 species of pollinators and other beneficial organisms were released. These releases (from either field collections or cultures of foreign origin) or recolonizations (from previously established populations in the United States) were made in 45 States and the District of Columbia in 1982. Shipments of 94 biological control agents and pollinators were sent from U.S. facilities to foreign countries in 1982. Also listed in this report are the numerous people in more than 400 Federal, State, university, Territorial, private, and foreign facilities engaged in biological control and other importation, release, and related activities in 1982.

In addition to this type of comprehensive annual report, the ROBO data base can produce computer reports of shipments sent or received, reports of releases of beneficial organisms on a facility or State-Territory basis, as well as detailed reports of the individual releases, shipments, or importations. This publication includes examples of the detailed individual release reports, which illustrate the types of data for which searches can be made in the ROBO data base.

Keywords: Biological control, introductions, natural enemies, parasites (parasitoids), pollinators, predators, weed control agents.

Mention of a trade name, proprietary product, or specific equipment does not constitute a guarantee or warranty by the U.S. Department of Agriculture and does not imply its approval by the Department over other products not mentioned.

While supplies last, single copies of this publication may be obtained, at no cost, on request from the USDA Biological Control Documentation Center, Bldg. 004, BARC-West, Beltsville, MD 20705.

Copies of this publication may also be purchased from the National Technical Information Service, 5285 Port Royal Rd., Springfield, VA 22161.

Issued November 1992

United States Department of Agriculture

National Agricultural Library

Ag84M
no. 1505

Contents

Introduction 1
Citation of release data 3
Explanation of entries 4
Scientific names and classification systems 4
Corrections and updating 5
References cited 5

Abbreviations used 6

Section I - Introduced parasites and predators released in U.S. and Territories 8

Part A - Arranged alphabetically by genus-species of released organism, state, county (complete record) 8

Part B - Target host/prey arranged alphabetically by class, order, family, genus, species, with alphabetical list of introduced beneficial species released against it 273

Section II - Introduced weed control agents released in U.S. and Territories 287

Part A - Arranged alphabetically by genus-species of released organism, state, county (complete record) 287

Part B - Target host arranged alphabetically by class, order, family, genus, species, with alphabetical list of introduced beneficial species released against it 330

Section III - List of introduced microbial organisms released in U.S. and Territories 334

Section IV - Introduced pollinators and other beneficial species released in U.S. and Territories 336

Section V - Species of introduced beneficial organisms (excluding plants) released in U.S. and Territories, arranged alphabetically by class, order, family, genus, species, with type of organism 338

Section VI - Releases of introduced beneficial organisms, by State/Territory and county 343

Section VII - Shipments of beneficial organisms from U.S. and Territorial facilities to foreign countries 344

Section VIII - Participating research and action agency personnel 471

Part A - Overseas facilities and explorers involved, with addresses 471

Part B - Quarantine facilities, listed alphabetically by acronym, with addresses and quarantine officers 483

Part C - Identifiers assisting in determination of species released, with their affiliations and locations 485

Part D - All personnel, listed alphabetically by facility acronym, with addresses 492

Section IX - Summary information 529

U.S. DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL LIBRARY
MAR 24 1997
CATALOGING PREP.

Document Delivery Services Branch
USDA, National Agricultural Library
Nal Bldg.
10301 Baltimore Blvd.
Beltsville, MD 20705-2351

Releases of Beneficial Organisms in the United States and Territories—1982

Compiled by Jack R. Coulson

Introduction

Biological control of pests can be improved by good management of data. The search for, collection, and importation of exotic natural enemies for release, establishment, and dispersal as biological control agents of pests in the United States and its Territories represent excellent opportunities, indeed an obligation, to collect and store valuable information of present and future scientific and regulatory interest. The critical need to compile such data for improving biological pest control is well recognized (Bottrell et al. 1976; USDA 1978; Battenfield 1983; Coulson 1992). This type of information is of current and historical interest not only to biological control and integrated pest management scientists and administrators but also to systematists and ecologists. Unfortunately, detailed records of biological control attempts have often not been published or even kept in many instances (Greathead 1986). Compilations of the results of these activities (for example, Clausen 1978) are usually based only on generally incomplete published information.

The introduction of living plant germplasm into the United States has long been well documented in a series of annual publications of the U.S. Department of Agriculture, the latest being for 1990 importations (Norris 1991), and by the computerized Germplasm Resources Information Network (GRIN) (Perry et al. 1988). This present publication is the second of a series designed to similarly document the importation of other beneficial organisms into the United States and its Territories. It presents mostly unpublished information on one of the activities involved in importation programs, that is, the field or greenhouse release of introduced biological control agents and pollinators.

Since many of the releases represent recolonizations of introduced species from established populations, the book also includes some information on establishments and dispersals.

Much additional information is stored in the computerized data base from which this book was produced, including information on the original collection of foreign or overseas shipments arriving in the United States and its Territories, that is, collection and importation data. Brief descriptions of this data base, "Releases of Beneficial Organisms" (ROBO), have been published (Coulson 1987, 1992). Publication of a more detailed description has been planned and a 1985 user manual is being updated. In addition to this annual publication, ROBO can produce the following computer reports:

1. annual reports of releases, by State or facility,
2. detailed reports of individual releases,
3. annual reports of shipments or consignments from each domestic facility,
4. annual reports of materials received by State or facility,
5. detailed reports of individual shipments (quarantine and nonquarantine),
6. annual reports of shipments from each overseas or foreign facility,
7. annual reports of foreign shipments received by each domestic facility,
8. detailed reports of individual foreign or overseas shipments.

Three examples of individual release reports (item 2 in the preceding list) are presented here; one is for a field release from quarantine (example 1) and two are for nonquarantine releases (examples 2 and 3). Inquiries concerning each of the data sets for these reports can currently be made using free-form Wang

Biological Control Documentation Center, Insect Biocontrol Laboratory, Beltsville Agricultural Research Center, Beltsville, MD 20705.

Although the data on which this publication is based were collected in 1982, much of the information presented is not published elsewhere. These data are useful as scientific and historical records of the importation and release of exotic organisms in the United States and its Territories and as guidelines for further documentation. Further details on these published records can be obtained from the pertinent organizations listed in section VIII of this publication, or from the ROBO data base discussed in the "Introduction." This book may be the last in which these data will be published since such information for subsequent years will be readily available in electronic form from the ROBO data base.

Example 1. RELEASE REPORT Q REPT. DATE 01/08/92

RELEASE FILE NO: BIRL-82-0090
ORGANISM RELEASED:
Apanteles indiensis (Marsh)
IDENTIFIER(S): Ertle, L R BIRL
CURRENT NAME =
Glyptapanteles indiensis (Marsh)

TAXONOMIC POSITION - CLASS	ORDER	FAMILY
Insecta	Hymenoptera	Braconidae

TYPE OF ORGANISM: PA STAGE/PART OF HOST/PREY ATTACKED: L

ORIGIN

CIBCIS-82-0004-A	India	Himachal Pradesh
CIBCIS-82-0003-B	India	Himachal Pradesh
CIBCIS-82-0002-C	India	Himachal Pradesh

Plus additional file numbers

ORIGINAL HOST/PREY: Lymantria obfuscata

COLLECTOR(S): Ramaseshiah, G CIBCIS

CULT: N GENERATIONS:

QUARANTINE ORIGIN
Beneficial Insects Research Laboratory
ARS, USDA
501 South Chapel Street
Newark DE 19713 USA

DATES OF RELEASE MM/DD/YY	MATERIAL RELEASED NOS.	STAGE	TARGET HOST(S)/PREY GENUS SPECIES AUTHOR	TAXONOMIC POSITION OF TARGET HOST(S)/PREY CLASS ORDER FAMILY
5/28/82	728	A	Lymantria dispar (Linnaeus)	Insecta Lepidoptera Lymantriidae

HOSTPLANT/ANIMAL OF TARGET HOST(S)/PREY: oak, other hardwoods

RELEASE LOCATION

STATE	COUNTY	TOWN
DE	New Castle	Smyrna

RELEASER(S)
Groce, J C
Beneficial Insects Research Laboratory
ARS, USDA
501 South Chapel Street
Newark DE 19713 USA

Campese, D
USDA, APHIS, PPQ
Federal Buiding
9th and King Streets
Wilmington DE 19801 USA

REPRESENTATIVE SPECIMENS - NUMBER: LOCATION:

Example 2. RELEASE REPORT NQ REPT. DATE 01/08/92

RELEASE FILE NO: BIIL-RFWS-82-0014
ORGANISM RELEASED:
Edovum puttleri Grissell
IDENTIFIER(S): Schroder, R F W BIIL
CURRENT NAME = SAME

TAXONOMIC POSITION - CLASS	ORDER	FAMILY
Insecta	Hymenoptera	Eulophidae

TYPE OF ORGANISM: PA STAGE/PART OF HOST/PREY ATTACKED: E

ORIGIN
Colombia

ORIGIN FILE NUMBERS
BCIRL-BP-81-0018

NON-QUARANTINEORIGIN
LABORATORY CULTURED FIELD COLLECTED-STATE,COUNTY,MM/YY
Beneficial Insect Introduction Lab / /
ARS, USDA
Bldg 417, BARC-East
Beltsville MD 20705 BY:
USA

LAB HOST: Leptinotarsa decemlineata GENERATIONS: 1-10
FIELD HOST:

DATES OF RELEASE MM/DD/YY	MATERIAL RELEASED NOS.	STAGE	TARGET HOST(S)/PREY GENUS SPECIES AUTHOR	TAXONOMIC POSITION OF TARGET HOST(S)/PREY CLASS ORDER FAMILY
5/20/82	500e	A	Leptinotarsa decemlineata (Say)	Insecta Coleoptera Chrysomelidae

HOST PLANT/ANIMAL OF TARGET HOST(S)/PREY: potato

RELEASE LOCATION

STATE	COUNTY	TOWN
MD	Carroll	Sykesville

RELEASER(S)
Schroder, R F W
Beneficial Insect Introduction Lab
ARS, USDA
Bldg 417, BARC-East
Beltsville MD 20705 USA

REPRESENTATIVE SPECIMENS - NUMBER: LOCATION:

```
Example 3.   RELEASE REPORT  NQ                          REPT. DATE 01/08/92

RELEASE FILE NO: PPQNMI-TLB-82-0061
ORGANISM RELEASED:
        Microctonus aethiopoides Loan
IDENTIFIER(S): Burger, T L            PPQNMI
CURRENT NAME = SAME

TAXONOMIC POSITION - CLASS                  ORDER                FAMILY
                Insecta                Hymenoptera          Braconidae
TYPE OF ORGANISM: PA     STAGE/PART OHHOST/PREY ATTACKED: A

ORIGIN
Europe

ORIGIN FILE NUMBERS

                                NON-QUARANTINE ORIGIN
LABORATORY CULTURED                      FIELD COLLECTESTATE,COUNTY,MM/YY
                                          MI Berrien Co         5/82  /
                                          BY: Bryan, M D            PPQNMI

LAB HOST:                                                  GENERATIONS:
FIELD HOST: Hypera postica

DATES OF  MATERIAL         TARGET                    TAXONOMIC POSITION OF
RELEASE   RELEASED         HOST(S)/PREY              TARGET HOST(S)/PREY
MM/DD/YY  NOS.    STAGE    GENUS SPECIES AUTHOR      CLASS ORDER FAMILY
 5/20/82    588e  PHA      Hypera                    Insecta
           98% OF HA       postica                   Coleoptera
                 SHIPPED   (Gyllenhal)               Curculionidae
HOST PLANT/ANIMALOF TARGET HOST(S)/PREY: alfalfa

RELEASE LOCATION
STATE  COUNTY                TOWN

IA     Clarke                Know Twp (2 sites)

RELEASER(S)

Stoltenow, C R
Iowa Department of Agriculture
Wallace Building
East Nineth and Grand Streets
Des Moines            IA                50319  USA

REPRESENTATIVE SPECIMENS -    NUMBER:      LOCATION:

NOTES: 073  PHA may also have contained some Microctonus colesi Drea.
```

computer file utilities. Additional collection and release details can be obtained from biological shipment record forms and other information on file in the ARS Biological Control Documentation Center.

Many people contributed to the development of ROBO, including many biological control colleagues who responded to a 1982 user survey, which helped complete revision of three biological shipment record forms and the computer programs themselves. The forms were developed and revised with the help of Abby Weiner and with some final revisions by A.L. Siehl, both of Forms Management, General Services Division, Agricultural Research Service (ARS). The current computer programs were written in COBOL for a Wang VS-100 by Mary Goldenbaum, with revisions during the debugging process by Anne Damico and Paul Sobus, all three under contract from Program Resources, Inc., and by William Murphy of the former ARS Biosystematics and Beneficial Insects Institute. Rob Selvage, Ed Bird, and Joe Burton of the former ARS Communications and Data Services Division were involved in system design and early programming. Audrey Carrell and David Vincent, listed as co-compilers of the 1981 report (Coulson et al. 1988), were heavily involved in the development and later programming of the ROBO data base.

This publication is modeled after, but is more detailed than, the annual bulletin of releases of biological control organisms in Canada published since the 1930s. The most recent issue reports 1990 releases (Sarazin 1991). Most of the data included in ROBO was provided by many of the research and other scientists and action agency personnel listed in section VIII of this publication. Their voluntary cooperation is greatly appreciated.

Citation of Release Data

If data are to be cited concerning releases reported in this publication, the pertinent journal or other reference to each release should be given whenever possible. If this is not possible, or if there is a need to cite release data directly from this publication, the pertinent project leader (or facility or releaser, if the release was made directly from quarantine) should be given as the source of the data. Credit may also be given to the releaser and original collector of the material when they differ from the project leader. Examples follow:

1. When referencing releases of *Euseius quetzali* against broad and citrus red mites in California, cite McMurtry, J.A., University of California, Riverside, p. 192, *in* "Releases of Beneficial Organisms in the U.S. and Territories—1982," U.S. of Agriculture, Agricultural Research Service, Miscellaeous Publication 1505, 1992. (H.G. Johnson, University of California, releaser).

2. When referencing releases of *Praon volucre* against bird cherry-oat aphid in Washington, cite Pike, K.S., Washington State University, Prosser, p. 261, *in* "Releases of Beneficial Organisms in the U.S. and Territories—1982," U.S. Department of Agriculture, Agricultural Research Service, Miscellaneous Publication 1505, 1992. (F. Gruber, USDA, ARS, France, collector).

Explanation of Entries

All entries in the various sections of this publication should be fairly self-explanatory. However, it may be helpful to explain the information included in some columns of part A in sections I and II.

Column 2. The country or State and sometimes county where the released material was collected are listed in this column, together with the acronym of the quarantine, overseas, or nonquarantine facilities (the last with the collector's initials) from which the material originated. The facility acronyms are listed in section VIII with full facility addresses and with names of all personnel participating in the collection, shipment, or release activities in 1982. The addresses are those of 1982. More details of the original overseas collections and shipments are available from the ROBO data base (reports 5 and 8).

Column 3. The State or Territory and county where the release was made and the month of the release are listed in this column, together with the number and stage of the organism released. (The category "county" also includes parishes for Louisiana, independent cities for Virginia, and other political subdivisions analogous to counties in the various States and Territories.) Additional release details can be obtained from the ROBO data base (report 2). The "e" following the number released indicates an estimate. The abbreviations used for the stages and types of organisms and States and Territories are listed following this introduction. Column 3 also references notes listed at the end of part A in sections I and II.

Column 4. Each importation, shipment, or release record in ROBO is recorded by a file number, as illustrated by those listed in this column. The file number for releases from quarantine consists of a facility acronym, the last two digits of the year, and a four-digit consecutive number. For nonquarantine releases, the initials of the project leader responsible for the release are included in the file number. Also in column 4 are the facility acronym and full name of the releaser(s). For some Extension personnel or county agents and field personnel of Plant Protection and Quarantine (PPQ), Animal and Plant Health Inspection Service (APHIS), usually only the address of the releaser's headquarters is listed rather than each specific address. All facilities and personnel noted in this column are listed in section VIII. The asterisk in this column indicates that specimens have been retained representing the material released.

Scientific Names and Classification Systems

All scientific names in columns 1 and 5 of part A of sections I and II and elsewhere in this publication have been verified by systematists of the Systematic Entomology Laboratory (SEL) and the Systematic Botany and Mycology Laboratory (SBML), ARS, Beltsville, MD. Their efforts are appreciated. The most current names for the organisms according to these specialists as of December 1991 have been used in this publication. The name under which the organism was originally imported or released is retained in the ROBO data base (see example 1 of the individual computer release reports), and searches can be made using both original and current names. The higher classification system for arthropods is that used by SEL scientists. The system used for plants in section II is that of Cronquist (1981).

The scientific name in this book for the plant in the United States known as Russian thistle, *Salsola australis* R. Br. (=*S. iberica*, *S. pestifer*, or *S. kali* of authors), is in accordance with the opinion of J.H. Kirkbride, SBML (personal communication), based on Botschantzev (1974). The scientific name of the plant known as musk or nodding thistle used in this report is *Carduus nutans* Linnaeus; the subspecific epithets used in the 1981 report (Coulson et al.

1988) are not used here for reasons of simplicity (but see the 1981 report, McCarty et al. [1984], and McGregor [1986]). Though the scientific name *Euphorbia esula* Linnaeus is used for the weed known as "leafy spurge," it must be pointed out that the taxonomy of North American leafy spurge is still controversial among botanists, some of whom consider North American populations to be a complex of species and hybrids (Radcliffe-Smith 1985; Mahlberg et al. 1987; and most recently Crompton et al. 1990).

Corrections and Updating

ROBO is a dynamic data base, capable of continual updating with new information. Therefore, readers are encouraged to notify the ARS Biological Control Documentation Center of (1) any errors found in this publication, (2) additional or currently missing information as indicated by question marks, and (3) any changes to scientific names as a result of the publication of descriptions of species recorded here as "sp.," or otherwise incomplete names, or as a result of new taxonomic studies. Comments can be addressed to the Biological Control Documentation Center, Bldg. 004, BARC-West, Beltsville, MD 20705.

References Cited

Battenfield, S.L., ed. 1983. Proceedings of the National Interdisciplinary Biological Control Conference, Las Vegas, Nevada, February 15-17. Cooperative State Research Service, U.S. Department of Agriculture, Washington, DC.

Botschantzev, V. 1974. A synopsis of *Salsola* (Chenopodiaceae) from South and South-West Africa. Kew Bulletin 29:597-614.

Bottrell, D.G., C.B. Huffaker, and R.F. Smith. 1976. Information systems for alternate methods of pest control. UC/AID Pest Management and Related Environmental Protection Project Report. University of California, Berkeley.

Clausen, C.P., ed. 1978. Introduced parasites and predators of arthropod pests and weeds: A world review. U.S. Department of Agriculture, Agricultural Handbook 480.

Coulson, J.R. 1987. Release(s) of beneficial organisms. *In* Knutson, L., F.C. Thompson, and R.W. Carlson, Biosystematic and biological control information systems in entomology. Agricultural Zoology Reviews 2:378-385.

Coulson, J.R. 1992. Documentation of classical biological control introductions. Crop Protection 11:195-205.

Coulson, J.R., A. Carrell, and D.L. Vincent, compilers. 1988. Releases of beneficial organisms in the United States and Territories—1981. U.S. Department of Agriculture, Agricultural Research Service, Miscellaneous Publication 1464.

Crompton, C.W., A.E. Stahevitch, and W.A. Wojtas. 1990. Morphometric studies of the *Euphorbia esula* group (Euphorbiaceae) in North America. Canadian Journal of Botany 68:1978-1988.

Cronquist, A. 1981. An integrated system of classification of flowering plants. Columbia University Press, New York.

Greathead, D.J. 1986. Parasitoids in classical biological control. *In* Waage, J., and D. Greathead, eds., Insect parasitoids, pp. 289-318. Academic Press, London.

Mahlberg, P.G., D.G. Davis, D.S. Galitz, and G.D. Manners. 1987. Lactifers and the classification of *Euphorbia*: The chemotaxonomy of *Euphorbia esula* L. Botanical Journal of the Linnaean Society 94:165-180.

McCarty, M.K., C.J. Scifres, and L.R. Robison. 1984. A descriptive guide for major Nebraska thistles. University of Nebraska, Agricultural Experiment Station SB 493 (1984 rev.).

McGregor, R.L. 1986. 23. *Carduus* L., plumeless thistles. *In* McGregor, R. L., T.M. Barkley, R.E. Brooks, and E.K. Schofield, Flora of the Great Plains, pp. 895-897. University Press of Kansas, Lawrence.

Norris, R.A. 1991. Plant inventory no. 199. Part I: Plant materials introduced January 1 to June 30, 1990 (nos. 536645 to 541499); Part II: Plant materials introduced July 1 to December 31, 1990 (nos. 541500 to 546348). U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.

Perry, M.C., A.K. Stoner, and J.D. Mowder. 1988. A plant germplasm information management system: Germplasm Resources Information Network. Horticultural Science 23:57-60.

Radcliffe-Smith, A. 1985. Taxonomy of North American leafy spurge. *In* Watson, A.K., ed., Leafy spurge, pp. 14-25. Weed Science Society of America Monograph Series 3.

Sarazin, M.J. compiler. 1991. Insect liberations in Canada - For classical biological control purposes - 1990. Agriculture Canada, Research Branch, Ottawa.

U.S. Department of Agriculture. 1978. Biological agents for pest control: Status and prospects. Washington, DC.

Abbreviations Used

Types of Organisms

MI–microbial
PA–parasite
PO–pollinator
PR–predator
WE–weed feeder
OT–other

Developmental Stages of Organisms Released

A–adults
C–cocoons
E–eggs
J–juveniles (for nematodes)
L–larvae
MU–mummies
N–nymphs
P–pupae, puparia
PHA, PHE, etc. –parasitized host adults, parasitized host eggs, and so forth

States and Territories

AK–Alaska
AL–Alabama
AR–Arkansas
AS–American Samoa
AZ–Arizona
CA–California
CO–Colorado
CT–Connecticut
CZ–Canal Zone

DC–District of Columbia
DE–Delaware
FL–Florida
FM–Federated States of Micronesia
GA–Georgia
GU–Guam
HI–Hawaii
IA–Iowa
ID–Idaho
IL–Illinois
IN–Indiana
KS–Kansas
KY–Kentucky
LA–Louisiana
MA–Massachusetts
MD–Maryland
ME–Maine
MH–Marshall Islands
MI–Michigan
MN–Minnesota
MO–Missouri
MP–North Mariana Island
MS–Mississippi
MT–Montana
NC–North Carolina
ND–North Dakota
NE–Nebraska
NH–New Hampshire
NJ–New Jersey
NM–New Mexico
NV–Nevada
NY–New York
OH–Ohio
OK–Oklahoma
OR–Oregon
PA–Pennsylvania
PR–Puerto Rico
PW–Palau
RI–Rhode Island
SC–South Carolina
SD–South Dakota
TN–Tennessee
TX–Texas
UT–Utah
VA–Virginia
VI–Virgin Islands (U.S.)
VT–Vermont
WA–Washington
WI–Wisconsin
WV–West Virginia
WY–Wyoming

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Agrypon flaveolatum (Gravenhorst) Hymenoptera Ichneumonidae	Canada CFSTNS/DBM	OR Clackamas 29 A 1 Apr	BIRL-82-0041 ORDA Penrose, R L	Operophtera brumata (Linnaeus) winter moth
	Canada CFSTNS/DBM	OR Clackamas 37 A 1 Apr	BIRL-82-0043 ORDA Penrose, R L	SAME
	Canada CFSTNS/DBM	OR Clackamas 211 A 1 Apr	BIRL-82-0047 ORDA West, M	SAME
	Canada CFSTNS/DBM	OR Clackamas 98 A 1 Apr	BIRL-82-0051 ORDA West, M	SAME
	Canada CFSTNS/DBM	OR Clackamas 124 A 1 Apr	BIRL-82-0053-2 ORDA Penrose, R L	SAME
	Canada CFSTNS/DBM	OR Marion 51 A 1 Apr	BIRL-82-0033 ORDA Penrose, R L	SAME
	Canada CFSTNS/DBM	OR Marion 78 A 1 Apr	BIRL-82-0036 ORDA Penrose, R L	SAME
	Canada CFSTNS/DBM	OR Multnomah 101 A 1 Apr	BIRL-82-0049 ORDA West, M	SAME
	Canada CFSTNS/DBM	OR Washington 95 A 1 Apr	BIRL-82-0053-1 ORDA Penrose, R L	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Allorhogas pyralophagus Marsh Hymenoptera Braconidae	Mexico-Nuevo Leon TAMU CIBCWIS/FDB TAMU/JWS	TX LRGV ? e A 1 Jul to Oct NOTE: 103	TAMU-JWS-82-0003 TAMUW Browning, H W	Eoreuma loftini (Dyar) Mexican rice borer
	Mexico-Nuevo Leon TAMU CIBCWIS/FDB TAMU/JWS	TX LRGV 265 A 2 Nov NOTE: 104	TAMU-JWS-82-0004 TAMUW Browning, H W	SAME
Aloencyrtus saissetiae (Compere) Hymenoptera Encyrtidae	South Africa UCB	CA Tehama 185e A 1 Oct to Nov	UCB-LEC-82-0020 UCB	Saissetia oleae (Olivier) black scale
Amblyseius limonicus Garman & McGregor Parasitiformes Phytoseiidae	CA, Santa Barbara UCR/HGJ	CA San Diego 900e A,N 1 Jun	UCR-JAM-82-0043 UCR Johnson, H G	Oligonychus punicae (Hirst) avocado brown mite
	CA, Santa Barbara UCR/HGJ	CA San Diego 8800e A,N 2 Aug	UCR-JAM-82-0056 UCR Johnson, H G	SAME
	CA, Santa Barbara UCR/HGJ	CA San Diego 2000e A,N 1 Sep to Oct	UCR-JAM-82-0063 UCR Johnson, H G	Panonychus citri McGregor citrus red mite
	CA, Santa Barbara UCR/HGJ	CA San Diego 600e A,N 1 Nov	UCR-JAM-82-0074 UCR Johnson, H G	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Amblyseius limonicus Garman & McGregor Parasitiformes Phytoseiidae	CA, Santa Barbara UCR/HGJ	CA Ventura 300e A,N 1 Apr	UCR-JAM-82-0020 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Polyphagotarsonemus latus (Banks) broad mite
	CA, Santa Barbara UCR/HGJ	CA Ventura 700e A,N 1 May	UCR-JAM-82-0035 UCR Johnson, H G	Phyllocoptruta oleivora (Ashmead) citrus rust mite Panonychus citri McGregor citrus red mite
Amblyseius longispinosus (Evans) Parasitiformes Phytoseiidae	USA FL HDA HDA/RMB	HI Hawaii 3200e A,N 1 Jun	HDA-KTM-82-0030 HDAH Yoshioka, E R	Tetranychus cinnabarinus (Boisduval) carmine spider mite
	USA FL HDA HDA/RMB	HI Hawaii 1080e A,N 1 Aug	HDA-KTM-82-0052 HDAH Yoshioka, E R	SAME
	USA FL HDA HDA/RMB	HI Hawaii 60 A,N 1 Sep	HDAH-ERY-82-0014 HDAH Yoshioka, E R	SAME
	USA FL HDA HDA/RMB	HI Hawaii 570e A,N 1 Oct	HDAH-ERY-82-0017 HDAH Yoshioka, E R	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Amblyseius longispinosus (Evans) Parasitiformes Phytoseiidae	USA FL HDA HDA/RMB	HI Honolulu 500e A,N Feb	1	HDA-KTM-82-0005 HDA Murai, K T	Tetranychus cinnabarinus (Boisduval) carmine spider mite
	USA FL HDA HDA/RMB	HI Honolulu 16000e A,N Mar	2	HDA-KTM-82-0010 HDA Murai, K T	SAME
	USA FL HDA HDA/RMB	HI Honolulu 11000e A,N Apr to May	1	HDA-KTM-82-0014 HDA Murai, K T	SAME
	USA FL HDA HDA/RMB	HI Honolulu 7500e A,N Jul	1	HDA-KTM-82-0041 HDA Murai, K T	SAME
	USA FL HDA HDA/RMB	HI Honolulu 8500e A,N Aug	2	HDA-KTM-82-0050 HDA Murai, K T	SAME
	USA FL HDA HDA/RMB	HI Honolulu 14500e A,N Sep	4	HDA-KTM-82-0059 HDA Murai, K T	SAME
	USA FL HDA HDA/RMB	HI Honolulu 5200e A,N Oct	2	HDA-KTM-82-0068 HDA Murai, K T	SAME
	USA FL HDA HDA/RMB	HI Honolulu 11300e A,N Nov	2	HDA-KTM-82-0073 HDA Murai, K T	SAME
	USA FL HDA HDA/RMB	HI Honolulu 8300e A,N Dec	3	HDA-KTM-82-0082 HDA Murai, K T	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Amblyseius longispinosus (Evans) Parasitiformes Phytoseiidae	USA FL HDA HDA/RMB	HI Maui 3500e A,N May	1	HDA-KTM-82-0019 HDAM Miyahira, N	Tetranychus cinnabarinus (Boisduval) carmine spider mite
	USA FL HDA HDA/RMB	HI Maui 7000e A,N Jun	2	HDA-KTM-82-0029 HDAM Miyahira, N	SAME
	USA FL HDA HDA/RMB	HI Maui 4500e A Jul	1	HDA-KTM-82-0042 HDAM Miyahira, N	SAME
	USA FL HDA HDA/RMB	HI Maui 4800e A,N Aug	2	HDA-KTM-82-0051 HDAM Miyahira, N	SAME
	USA FL HDA HDA/RMB	HI Maui 5000e A Sep	1	HDA-KTM-82-0060 HDAM Miyahira, N	SAME
	USA FL HDA HDA/RMB	HI Maui 3600e A,N Oct	2	HDA-KTM-82-0069 HDAM Miyahira, N	SAME
	USA FL HDA HDA/RMB	HI Maui 500e A,N Nov	1	HDA-KTM-82-0074 HDA Miyahira, N	SAME
	USA FL HDA HDA/RMB	HI Maui 2700e A Dec	1	HDA-KTM-82-0083 HDAM Miyahira, N	SAME
Amblyseius sp. Parasitiformes Phytoseiidae	DE, New Castle BIRL BIRL/	MD Frederick 250e A,L Sep NOTE: 015	1	BIRL-RMH-82-0178 PDRL Rossi, A E	Tetranychus urticae Koch twospotted spider mite

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Amblyseius sp. Parasitiformes Phytoseiidae	DE, New Castle BIRL BIRL/	MD Frederick 2000e A,L,E 1 Nov NOTE: 015	BIRL-RMH-82-0190 PDRL Rossi, A E	Tetranychus urticae Koch twospotted spider mite
	DE, New Castle BIRL BIRL/	PA Philadelphia 150e A,L 1 Sep NOTE: 015	BIRL-RMH-82-0175 UPA Schaub, B	SAME
Ametadoria misella (Wulp) Diptera Tachinidae	CA, San Diego CABCSP/CDH, BV	CA Butte 1214 A 8 Jun	CABCSP-CDH-82-0004 CABCDA CABCSP Dodd, R Villegas, B	Harrisina brillians Barnes & McDunnough western grapeleaf skeletonizer
	CA, San Diego CABCSP/TE, BV	CA Butte 21 A 2 Jun	CABCSP-CDH-82-0008 CABCSP Waller, J	SAME
	CA, San Diego CABCSP/LGB, BV	CA Butte 114 A 2 Aug	CABCSP-CDH-82-0015 CABCSP Waller, J	SAME
	CA, San Diego CABCSP/CDH, BV	CA Fresno 1237 A 2 Jun	CABCSP-CDH-82-0005 CABCSP Luna, G Halstead, J	SAME
	CA, San Diego CABCSP/TE, BV	CA Fresno 343 A 3 Jun	CABCSP-CDH-82-0008 CABCSP Luna, G Halstead, J	SAME
	CA, San Diego CABCSP/BV, DMS	CA Fresno 11045 A 9 Aug	CABCSP-CDH-82-0012 CABCSP Luna, G Halstead, J	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Ametadoria misella (Wulp) Diptera Tachinidae	CA, San Diego CABCSP/LGB, BV	CA Fresno 8 A 1 Sep	CABCSP-CDH-82-0015-9 CABCSP Luna, G	Harrisina brillians Barnes & McDunnough western grapeleaf skeletonizer
	CA, San Diego CABCSP/LGB, BV	CA Kern 278 A 3 Sep	CABCSP-CDH-82-0015 CABCSP Esser, T	SAME
	CA, San Diego CABCSP/TE, BV	CA Madera 107 A 1 Jun	CABCSP-CDH-82-0008-1 CABCSP Luna, G Halstead, J	SAME
	CA, San Diego CABCSP/BV, TE	CA Placer 2168 A 9 Aug to Sep	CABCSP-CDH-82-0017 CABCSP Villegas, B Rey, E	SAME
	CA, San Diego CABCSP/BV, TE	CA Placer 500 A 8 Sep	CABCSP-CDH-82-0020 CABCSP Villegas, B	SAME
	CA, San Diego CABCSP/TE, BV	CA Shasta 175 A 1 Jul	CABCSP-CDH-82-0008-9 CABCSP Esser, T Waller, J	SAME
	CA, San Diego CABCSP/TE, BV	CA Tulare 80 A 2 Jun	CABCSP-CDH-82-0008 CABCSP Luna, G Halstead, J	SAME
	CA, San Diego CABCSP/LGB, BV	CA Ventura 195 A 3 Aug	CABCSP-CDH-82-0015 CAVCDA CABCSP Runkle, D Esser, T	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Amitus ?spiniferus (Brèthes) Hymenoptera Platygastridae	HI, Honolulu HDA/BRK	HI Honolulu 160 A 4 Feb	HDA-BRK-82-0010 HDA Kumashiro, B R	Aleurothrixus floccosus (Maskell) woolly whitefly
Amitus spiniferus (Brèthes) Hymenoptera Platygastridae	Mexico UCR	CA Ventura 200e A 1 Dec	UCR-PD-82-0021 UCR Rose, M J	SAME
Anaphes diana (Girault) Hymenoptera Mymaridae	France BIRL EPL/HH	ID Latah 4691 A 1 May to Jun	UID-LEO-82-0001-2 UID Schotzko, D J	Sitona lineatus (Linnaeus) pea leaf weevil
	France BIRL EPL/HH	ID Nez Perce 5276 A 1 May to Jun	UID-LEO-82-0001-1 UID Schotzko, D J	Sitona hispidulus (Fabricius) clover root curculio Sitona lineatus (Linnaeus) pea leaf weevil
Anastatus disparis Ruschka Hymenoptera Eupelmidae	USA, CT CTAES	DE New Castle 1108 A 1 Jul to Oct	BIRL-RWF-82-0201 BIRL Taylor, P B Groce, J C	Lymantria dispar (Linnaeus) gypsy moth
Apanteles scutellaris Muesebeck Hymenoptera Braconidae	USA CA HDA HDA/RMB	HI Honolulu 21 A 1 Mar	HDA-BRK-82-0016 HDA Kumashiro, B R	Keiferia lycopersicella (Walsingham) tomato pinworm

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Apanteles scutellaris Muesebeck Hymenoptera Braconidae	USA CA HDA HDA/RMB	HI Maui 140 A 1 Jan	HDA-BRK-82-0007 HDAM Miyahira, N	Keiferia lycopersicella (Walsingham) tomato pinworm
	USA CA HDA HDA/RMB	HI Maui 140 A 1 Mar	HDA-BRK-82-0017 HDAM Miyahira, N	SAME
Aphelinus asychis Walker Hymenoptera Aphelinidae	France BIRL EPL/FG	WA Benton 25e A 1 Oct	WASUP-KSP-82-0004 WASUP Pike, K S	Rhopalosiphum padi (Linnaeus) bird cherry-oat aphid
Aphidius ervi Haliday Hymenoptera Aphidiidae	USSR, Uzbek SSR UCR	CA Alameda 540e A 1 Nov	UCB-KSH-82-0068 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid
	Iran UCR	CA Fresno 21950e A 1 Jan to Apr	UCB-KSH-82-0003-1 UCB	SAME
	USSR, Uzbek SSR UCR	CA Fresno 80400e A 2 Jan to Apr	UCB-KSH-82-0004 UCB	SAME
	Iran UCR	CA Fresno 3000e A 1 Feb to Apr	UCB-KSH-82-0003-2 UCB	SAME
	USSR, Uzbek SSR UCR	CA Fresno 14750e A 2 May to Jun	UCB-KSH-82-0022 UCB	SAME
				Acyrthosiphon pisum (Harris) pea aphid

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Aphidius ervi Haliday Hymenoptera Aphidiidae	Iran UCR	CA Fresno 2260e A 1 May to Jun	UCB-KSH-82-0026 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid Acyrthosiphon pisum (Harris) pea aphid
	USSR, Uzbek SSR UCR	CA Fresno 13500e A 2 Jul to Dec	UCB-KSH-82-0030 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid Acyrthosiphon pisum (Harris) pea aphid
	Iran UCR	CA Fresno 6750e A 1 Jul to Dec	UCB-KSH-82-0035 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid Acyrthosiphon pisum (Harris) pea aphid
	USSR, Uzbek SSR UCR	CA Glenn 1960e A 1 May	UCB-KSH-82-0023 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid Acyrthosiphon pisum (Harris) pea aphid

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Aphidius ervi Haliday Hymenoptera Aphidiidae	USSR, Uzbek SSR UCR	CA Glenn 1190e A 1 Jul	UCB-KSH-82-0036 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid Acyrthosiphon pisum (Harris) pea aphid
	Japan, Honshu UCR	CA Kings 7850e A 1 Jan to Apr	UCB-KSH-82-0008 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid
	Japan, Honshu UCR	CA Kings 3000e A 1 May to Jun	UCB-KSH-82-0025 UCB	SAME Acyrthosiphon pisum (Harris) pea aphid
	Japan, Honshu UCR	CA Kings 13700e A 1 Jul to Dec	UCB-KSH-82-0044 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid Acyrthosiphon pisum (Harris) pea aphid
	Japan, Honshu UCR	CA Modoc 550e A 1 Jul	UCB-KSH-82-0037 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid Acyrthosiphon pisum (Harris) pea aphid

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Aphidius ervi Haliday Hymenoptera Aphidiidae	Japan, Honshu UCR	CA Modoc 4450e A 1 Oct	UCB-KSH-82-0065 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid
	USSR, Uzbek SSR UCR	CA Monterey 1090e A 1 Jul	UCB-KSH-82-0049 UCB	SAME Acyrthosiphon pisum (Harris) pea aphid
	USSR, Uzbek SSR UCR	CA Monterey 750e A 1 Dec	UCB-KSH-82-0070 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid
	Morocco UCR	CA San Joaquin 2280e A 1 Apr to Jun	UCB-KSH-82-0018 UCB	SAME Acyrthosiphon pisum (Harris) pea aphid
	USSR, Uzbek SSR UCR	CA San Joaquin 2180e A 1 Apr to Jun	UCB-KSH-82-0019 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid Acyrthosiphon pisum (Harris) pea aphid

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Aphidius ervi Haliday Hymenoptera Aphidiidae	USSR, Uzbek SSR UCR	CA San Joaquin 800e A 1 Dec	UCB-KSH-82-0071 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid
	Morocco UCR	CA San Joaquin 860e A 1 Dec	UCB-KSH-82-0072 UCB	SAME
	Japan, Honshu UCR	CA Siskiyou 500e A 1 May	UCB-KSH-82-0027 UCB	SAME
				Acyrthosiphon pisum (Harris) pea aphid
	Japan, Honshu UCR	CA Siskiyou 450e A 1 Jul	UCB-KSH-82-0039 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid Acyrthosiphon pisum (Harris) pea aphid
	Japan, Honshu UCR	CA Siskiyou 4450e A 1 Oct	UCB-KSH-82-0066 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid
	Japan, Honshu UCR	CA Tulare 20450e A 1 Jan to Apr	UCB-KSH-82-0005 UCB	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Aphidius ervi Haliday Hymenoptera Aphidiidae	Morocco UCR	CA Tulare 20800e A 1 Jan to Apr	UCB-KSH-82-0006 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid
	Japan, Honshu UCR	CA Tulare 2600e A 1 May	UCB-KSH-82-0020 UCB	Acyrthosiphon pisum (Harris) pea aphid Acyrthosiphon kondoi Shinji blue alfalfa aphid
	Morocco UCR	CA Tulare 5650e A 1 May to Jun	UCB-KSH-82-0021 UCB	SAME Acyrthosiphon pisum (Harris) pea aphid
	Morocco UCR	CA Tulare 13200e A 1 Jul to Dec	UCB-KSH-82-0043 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid Acyrthosiphon pisum (Harris) pea aphid
	Japan, Honshu UCR	CA Tulare 300e A 1 Sep	UCB-KSH-82-0060 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid Acyrthosiphon pisum (Harris) pea aphid

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Aphidius ervi Haliday Hymenoptera Aphidiidae	Iran UCR	CA Yolo 1570e A 1 May	UCB-KSH-82-0024 UCB	Acyrthosiphon kondoi Shinji blue alfalfa aphid
	Iran UCR	CA Yolo 510e A 1 Jul	UCB-KSH-82-0038 UCB	SAME Acyrthosiphon pisum (Harris) pea aphid
	? UCR	CO Mesa 9460 A 10 May to Aug	CODA-KEM-82-0004 CODA Mowrer, K E	SAME
	? UCR	KS ? ? e A 1 Apr to May	CODA-KEM-82-0001 KSSBABC White, S C	SAME
	? UCR	KS ? ? e A 1 May	CODA-KEM-82-0002 KSSBA Hilbert, B	SAME
	? UCR	KS ? ? e A 1 May to Jun	CODA-KEM-82-0003 KSSBAG Salsbury, G A	SAME
Aphidius uzbekistanicus Luzhetzki Hymenoptera Aphidiidae	Spain BIRL EPL/FG	WA Benton 100e A 1 Oct	WASUP-KSP-82-0001 WASUP Pike, K S	Rhopalosiphum padi (Linnaeus) bird cherry-oat aphid

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Aphytis aonidiae (Mercet) Hymenoptera Aphelinidae	CA, Riverside UCR/MJR	MD Prince Georges 55 F 2 Apr to Jul	UCR-MJR-82-0007 FNCL Rivnay, T	Quadraspidiotus perniciosus (Comstock) San Jose scale
Aphytis melinus DeBach Hymenoptera Aphelinidae	India, Pakistan ELC-LINE	CA Imperial 10000e A 1 Sep	UCR-RFL-82-0034 UCR	Aonidiella aurantii (Maskell) California red scale
Aphytis sp. Hymenoptera Aphelinidae	China (PRC) UCR UCR/PD	CA Imperial 400e A 1 Apr to Jun	UCR-RFL-82-0012 UCR	SAME
	Japan, Honshu UCR UCR/MJR	CA Imperial 150e A 1 Apr to Jun NOTE: 132	UCR-RFL-82-0013 UCR	SAME
	China (PRC) UCR UCR/PD	CA Imperial 110e A 1 May to Jun	UCR-RFL-82-0027 UCR	SAME
	China (PRC) UCR UCR/PD	CA Imperial 200e A 1 Sep	UCR-RFL-82-0035 UCR	SAME
	China (PRC) UCR UCR/PD	CA Orange 200e A 1 Jan	UCR-RFL-82-0003 UCR	SAME
	Japan, Honshu UCR UCR/MJR	CA Orange 100e A 1 May NOTE: 132	UCR-RFL-82-0026 UCR	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Aphytis sp. Hymenoptera Aphelinidae	China (PRC) UCR UCR/PD	CA Riverside 500e A 1 Jan to Jun	UCR-RFL-82-0001 UCR	Aonidiella aurantii (Maskell) California red scale
	Japan, Honshu UCR UCR/MJR	CA Riverside 335e A 1 Feb to Jun NOTE: 132	UCR-RFL-82-0006 UCR	SAME
	Japan, Honshu UCR UCR/MJR	CA Tulare 70e A 1 May NOTE: 132	UCR-RFL-82-0023-1 UCR	SAME
	China (PRC) UCR UCR/PD	CA Tulare 200e A 1 May	UCR-RFL-82-0024-1 UCR	SAME
	Japan, Honshu UCR UCR/MJR	CA Tulare 100e A 1 Jun NOTE: 132	UCR-RFL-82-0023-2 UCR	SAME
	China (PRC) UCR UCR/PD	CA Tulare 900e A 1 Jun	UCR-RFL-82-0024-2 UCR	SAME
	China (PRC) UCR UCR/PD	CA Ventura 30 A 1 Feb	UCR-RFL-82-0007-1 UCR	SAME
	Japan, Honshu UCR UCR/MJR	CA Ventura 30 A 1 Feb NOTE: 132	UCR-RFL-82-0009-1 UCR	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Aphytis sp. Hymenoptera Aphelinidae	China (PRC) UCR UCR/PD	CA Ventura 300e A 1 Apr to May	UCR-RFL-82-0007-2 UCR	Aonidiella aurantii (Maskell) California red scale
	Japan, Honshu UCR UCR/MJR	CA Ventura 125e A 1 Apr to May NOTE: 132	UCR-RFL-82-0009-2 UCR	SAME
	China (PRC) UCR	CA Ventura 400e A 1 Apr to May	UCR-RFL-82-0018 UCR	SAME
Arrhenophagus chionaspidis Aurivillius Hymenoptera Encyrtidae	FL, Alachua UFG/BM	DC Washington City 51 A 2 May	FBCL-RIS-82-0006-1 FNCL Rivnay, T	Pseudaulacaspis prunicola (Maskell) --
	FL, Alachua UFG/BM	DC Washington City 144 A 2 May to Jun	FBCL-RIS-82-0007-1 FNCL Rivnay, T	SAME
	FL, Alachua UFG/BM	DC Washington City 25 A 1 Jul	FBCL-RIS-82-0015-2 FNCL Rivnay, T	SAME
	FL, Alachua UFG/BM	DC Washington City 45 A 1 Aug	FBCL-RIS-82-0016-3 FNCL Rivnay, T	SAME
	FL, Alachua UFG/BM	MD Montgomery 15e A 1 May	FBCL-RIS-82-0006-3 FNCL Rivnay, T	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Arrhenophagus chionaspidis Aurivillius Hymenoptera Encyrtidae	FL, Alachua UFG/BM	MD Montgomery 61e A 1 May to Jun	FBCL-RIS-82-0007-3 FNCL Rivnay, T	Pseudaulacaspis prunicola (Maskell) --
	FL, Alachua UFG/BM	MD Montgomery 65 A 1 Aug	FBCL-RIS-82-0016-2 FNCL Rivnay, T	SAME
	FL, Alachua UFG/BM	MD Prince Georges 16e A 1 May	FBCL-RIS-82-0006-2 FNCL Rivnay, T	SAME
	FL, Alachua UFG/BM	MD Prince Georges 61e A 1 May to Jun	FBCL-RIS-82-0007-2 FNCL Rivnay, T	SAME
	FL, Alachua UFG/BM	MD Prince Georges 77 A 2 Jul	FBCL-RIS-82-0015 FNCL Rivnay, T	SAME Pseudaulacaspis pentagona (Targioni-Tozzetti) white peach scale
	FL, Alachua UFG/BM	MD Prince Georges 112 A 1 Aug	FBCL-RIS-82-0016-1 FNCL Rivnay, T	Pseudaulacaspis prunicola (Maskell) --
	USA-FL FBCL	MD Prince Georges 145 F 1 Aug to Sep	FNCL-TR-82-0001 FNCL Rivnay, T Rosen, D	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Aspidiotiphagus sp. Hymenoptera Aphelinidae	China (PRC) UCR	CA Imperial 85 A 1 Apr to Jun	UCR-RFL-82-0014 UCR	Aonidiella aurantii (Maskell) California red scale
	China (PRC) UCR	CA Orange 100e A 1 Jan to Jun	UCR-RFL-82-0005 UCR	SAME
	China (PRC) UCR	CA Riverside 35 A 1 Apr	UCR-RFL-82-0016 UCR	SAME
	China (PRC) UCR	CA Tulare 150 A 2 May	UCR-RFL-82-0025 UCR	SAME
	China (PRC) UCR	CA Ventura 150 A 2 Feb	UCR-RFL-82-0008 UCR	SAME
Atholus coelestis Marsham Coleoptera Histeridae	Pakistan CIBCPS/RKS	CA Imperial 30 A 2 Aug	UCR-82-0039 UCR Legner, E F	Haematobia irritans (Linnaeus) horn fly
Atholus maindronii (Lewis) Coleoptera Histeridae	Pakistan CIBCPS/RKS	CA Imperial 100 A 2 Aug	UCR-82-0037 UCR Legner, E F	SAME
	Pakistan UCR CIBCPS/RKS	CA Tulare 148e A,L 1 Apr to May	UCR-EFL-82-0002 UCR	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Atholus maindronii (Lewis) Coleoptera Histeridae	Pakistan UCR CIBCPS/RKS	CA Tulare 45 A 1 Jul	UCR-EFL-82-0005 UCR	Haematobia irritans (Linnaeus) horn fly
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	AR Benton 2040e PHL 1 Apr	PPQNMI-TLB-82-2098-2 PPQSCIII Griffin, V J	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	AR Desha 2040e PHL 1 Apr	PPQNMI-TLB-82-2083-4 PPQSCIII Bevill, J	SAME
	IN, Harrison Co PPQ/	AR Independence 6120e PHL 3 Apr	PPQNMI-TLB-82-2092 PPQSCIII Wright, M	SAME
	IN, Harrison Co PPQ/	AR Madison 4080e PHL 1 Apr	PPQNMI-TLB-82-2098-1 PPQSCIII Griffin, V J	SAME
	IN, Harrison Co PPQ/	AR Marion 4080e PHL 1 Apr	PPQNMI-TLB-82-2089-2 PPQSCIII Loftin, R	SAME
	KY, Oldham Co PPQ/	AR Miller 336000e PHL 1 May	PPQNMI-TLB-82-1230 PPQSCIII Pierce, K R	SAME
	IN, Harrison Co PPQ/	AR Miller 210000e PHL 1 May	PPQNMI-TLB-82-2168 PPQSCIII Pierce, K R	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	AR Phillips 4080e PHL 2 Apr	PPQNMI-TLB-82-2083 PPQSCIII Bevill, J	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	AR Pulaski 6120e PHL 2 Apr	PPQNMI-TLB-82-2092 PPQSCIII Wright, M	SAME
	IN, Harrison Co PPQ/	AR Searcy 2040e PHL 1 Apr	PPQNMI-TLB-82-2089-1 PPQSCIII Loftin, R	SAME
	IN, Harrison Co PPQ/	AR St Francis 6120e PHL 1 Apr	PPQNMI-TLB-82-2083-1 PPQSCIII Bevill, J	SAME
	USA-NJ,PA,OH,VA,WV+ PPQNMI APHIS/	CA Alameda 162 A 1 May to Jun	UCB-82-0006-1 UCB Andrews, J	Hypera brunnipennis (Boheman) Egyptian alfalfa weevil
	USA-NJ,PA,OH,VA,WV+ PPQNMI APHIS/	CA Fresno 1275 A 1 May to Jun	UCB-82-0006-2 UCB Andrews, J Etzel, L K	SAME
	USA-NJ,PA,OH,VA,WV+ PPQNMI APHIS/	CA Siskiyou 510 A 1 May to Jun	UCB-82-0006-3 UCB Andrews, J Etzel, L K	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNMI/	IA Adair 4320e PHL 2 May	PPQNMI-TLB-82-3045 PPQSCIV Harri, J A	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Cass Co PPQNMI/	IA Adams 4800e PHL May	1	PPQNMI-TLB-82-3126-8 PPQSCIV Crouch, J	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/	IA Allamakee 7200e PHL May	3	PPQNMI-TLB-82-3150 PPQSCIV Larson, R A	SAME
	MI, Berrien Co PPQNMI/	IA Buchanan 1440e PHL May	1	PPQNMI-TLB-82-3034-7 PPQSCIV Larson, R A	SAME
	MI, Cass Co PPQNMI/	IA Buchanan 4800e PHL May	2	PPQNMI-TLB-82-3150 PPQSCIV Larson, R A	SAME
	MI, Cass Co PPQNMI/	IA Butler 7200e PHL May	1	PPQNMI-TLB-82-3158-4 PPQSCIV McAdams, W	SAME
	MI, Cass Co PPQNMI/	IA Carroll 7200e PHL May	1	PPQNMI-TLB-82-3117-1 PPQSCIV Wallerich, G E	SAME
	MI, Berrien Co PPQNMI/	IA Cedar 4320e PHL May	3	PPQNMI-TLB-82-3021 IASUEXT Buske, M C	SAME
	MI, Cass Co PPQNMI/	IA Cerro Gordo 7200e PHL May	1	PPQNMI-TLB-82-3158-3 PPQSCIV McAdams, W	SAME
	MI, Cass Co PPQNMI/	IA Chickasaw 7200e PHL May	2	PPQNMI-TLB-82-3158 PPQSCIV McAdams, W	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Berrien Co PPQNMI/	IA Clarke 4320e PHL May	3	PPQNMI-TLB-82-3019 IADA Stoltenow, C R	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/	IA Crawford 7200e PHL May	3	PPQNMI-TLB-82-3141 IADA Carlson, C E	SAME
	MI, Berrien Co PPQNMI/	IA Dallas 4320e PHL May	3	PPQNMI-TLB-82-3019 IADA Stoltenow, C R	SAME
	MI, Berrien Co PPQNMI/	IA Delaware 4320e PHL May	3	PPQNMI-TLB-82-3034 PPQSCIV Larson, R A	SAME
	MI, Berrien Co PPQNMI/	IA Des Moines 4320e PHL May	2	PPQNMI-TLB-82-3027 IASUEXT Buske, M C	SAME
	MI, Cass Co PPQNMI/	IA Fayette 7200e PHL May	3	PPQNMI-TLB-82-3150 PPQSCIV Larson, R A	SAME
	MI, Cass Co PPQNMI/	IA Hardin 7200e PHL May	2	PPQNMI-TLB-82-3158 PPQSCIV McAdams, W	SAME
	MI, Cass Co PPQNMI/	IA Harrison 7200e PHL May	2	PPQNMI-TLB-82-3141 IADA Carlson, C E	SAME
	MI, Cass Co PPQNMI/	IA Iowa 7200e PHL May	2	PPQNMI-TLB-82-3170 IADA Campbell, J W	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Berrien Co PPQNMI/	IA Jackson 4320e PHL 3 May	PPQNMI-TLB-82-3034 PPQSCIV Larson, R A	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNMI/	IA Jasper 4320e PHL 3 May	PPQNMI-TLB-82-3016 IADA Carlson, C E	SAME
	MI, Berrien Co PPQNMI/	IA Jefferson 4320e PHL 3 May	PPQNMI-TLB-82-3006 PPQSCIV Molyneux, A	SAME
	MI, Berrien Co PPQNMI/	IA Lee 4320e PHL 3 May	PPQNMI-TLB-82-3027 IASUEXT Buske, M C	SAME
	MI, Cass Co PPQNMI/	IA Linn 7200e PHL 1 May	PPQNMI-TLB-82-3170-3 IADA Campbell, J W	SAME
	MI, Cass Co PPQNMI/	IA Marshall 7200e PHL 3 May	PPQNMI-TLB-82-3117 PPQSCIV Wallerich, G E	SAME
	MI, Berrien Co PPQNMI/	IA Monroe 4320e PHL 3 May	PPQNMI-TLB-82-3010 PPQSCIV Wallerich, G E	SAME
	MI, Cass Co PPQNMI/	IA Montgomery 7200e PHL 2 May	PPQNMI-TLB-82-3126 PPQSCIV Crouch, J	SAME
	MI, Cass Co PPQNMI/	IA Page 7200e PHL 3 May	PPQNMI-TLB-82-3126 PPQSCIV Crouch, J	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Cass Co PPQNMI/	IA Pottawattamie 7200e PHL 1 May	PPQNMI-TLB-82-3126-9 PPQSCIV Crouch, J	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/	IA Ringgold 7200e PHL 1 May	PPQNMI-TLB-82-3126-6 PPQSCIV Crouch, J	SAME
	MI, Berrien Co PPQNMI/	IA Scott 4320e PHL 3 May	PPQNMI-TLB-82-3021 IASUEXT Buske, M C	SAME
	MI, Cass Co PPQNMI/	IA Taylor 2400e PHL 1 May	PPQNMI-TLB-82-3126-7 PPQSCIV Crouch, J	SAME
	MI, Berrien Co PPQNMI/	IA Warren 4320e PHL 3 May	PPQNMI-TLB-82-3016 IADA Carlson, C E	SAME
	MI, Berrien Co PPQNMI/	IA Washington 4320e PHL 3 May	PPQNMI-TLB-82-3006 PPQSCIV Molyneux, A	SAME
	MI, Berrien Co PPQNMI/	IA Wayne 4320e PHL 3 May	PPQNMI-TLB-82-3010 PPQSCIV Wallerich, G E	SAME
	MI, Cass Co PPQNMI/	IA Webster 7200e PHL 3 May	PPQNMI-TLB-82-3117 PPQSCIV Wallerich, G E	SAME
	MI, Cass Co PPQNMI/	IA Woodbury 7200e PHL 3 May	PPQNMI-TLB-82-3141 IADA Carlson, C E	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	IL Adams 21000e PHL 3 May	PPQNMI-TLB-82-1231 PPQNEV Wikoff, J	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	IL Bond 21600e PHL 1 May	PPQNMI-TLB-82-2261-8 PPQNEV Iverson, S S	SAME
	KY, Oldham Co PPQ/	IL Boone 21000e PHL 3 May	PPQNMI-TLB-82-1273 PPQNEV Cleary, E	SAME
	IN, Harrison Co PPQ/	IL Bureau 21600e PHL 3 May	PPQNMI-TLB-82-2291 PPQNEV Lovejoy, R D	SAME
	IN, Harrison Co PPQ/	IL Clark 21600e PHL 1 May	PPQNMI-TLB-82-2273-6 PPQNEV Buchanan, K J	SAME
	IN, Harrison Co PPQ/	IL Coles 21600e PHL 2 May	PPQNMI-TLB-82-2273 PPQNEV Buchanan, K J	SAME
	IN, Harrison Co PPQ/	IL Effingham 21600e PHL 3 May	PPQNMI-TLB-82-2242 PPQNEV Sproat, B	SAME
	IN, Harrison Co PPQ/	IL Fayette 21600e PHL 3 May	PPQNMI-TLB-82-2261 PPQNEV Iverson, S S	SAME
	IN, Harrison Co PPQ/	IL Hamilton 21600e PHL 3 May	PPQNMI-TLB-82-2242 PPQNEV Sproat, B	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	IL Henderson 21000e PHL 3 May	PPQNMI-TLB-82-1231 PPQNEV Wikoff, J	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	IL Iroquois 28000e PHL 4 May	PPQNMI-TLB-82-1258 PPQNEV Cummings, L	SAME
	IN, Harrison Co PPQ/	IL Jackson 21600e PHL 3 May	PPQNMI-TLB-82-2251 PPQNEV Bradley, R	SAME
	KY, Oldham Co PPQ/	IL Kane 14000e PHL 2 May	PPQNMI-TLB-82-1273 PPQNEV Cleary, E	SAME
	IN, Harrison Co PPQ/	IL Kane 7200e PHL 1 May	PPQNMI-TLB-82-2251-7 PPQNEV Cleary, E A	SAME
	KY, Oldham Co PPQ/	IL Kendall 7000e PHL 1 May	PPQNMI-TLB-82-1270-2 PPQNEV Keith, R M	SAME
	IN, Harrison Co PPQ/	IL Kendall 14400e PHL 2 May	PPQNMI-TLB-82-2286 PPQNEV Keith, R M	SAME
	KY, Oldham Co PPQ/	IL Livingston 21000e PHL 3 May	PPQNMI-TLB-82-1240 PPQNEV Anderson, D	SAME
	IN, Harrison Co PPQ/	IL Madison 21600e PHL 2 May	PPQNMI-TLB-82-2261 PPQNEV Iverson, S S	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	IL McHenry 21000e PHL May	3	PPQNMI-TLB-82-1273 PPQNEV Cleary, E	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	IL McLean 21000e PHL May	3	PPQNMI-TLB-82-1240 PPQNEV Anderson, D	SAME
	KY, Oldham Co PPQ/	IL Mercer 14000e PHL May	2	PPQNMI-TLB-82-1249 PPQNEV Lueders, T	SAME
	IN, Harrison Co PPQ/	IL Montgomery 21600e PHL May	2	PPQNMI-TLB-82-2261 PPQNEV Iverson, S S	SAME
	IN, Harrison Co PPQ/	IL Moultrie 21600e PHL May	2	PPQNMI-TLB-82-2273 PPQNEV Buchanan, K J	SAME
	IN, Harrison Co PPQ/	IL Ogle 21600e PHL May	3	PPQNMI-TLB-82-2291 PPQNEV Lovejoy, R D	SAME
	KY, Oldham Co PPQ/	IL Peoria 21000e PHL May	3	PPQNMI-TLB-82-1249 PPQNEV Lueders, T	SAME
	IN, Harrison Co PPQ/	IL Pope 216000e PHL May	1	PPQNMI-TLB-82-2297 PPQNEV Bradley, R	SAME
	KY, Oldham Co PPQ/	IL Rock Island 7000e PHL May	1	PPQNMI-TLB-82-1249-9 PPQNEV Lueders, T	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	IL Schuyler 21000e PHL 3 May	PPQNMI-TLB-82-1231 PPQNEV Wikoff, J	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	IL Shelby 21600e PHL 3 May	PPQNMI-TLB-82-2273 PPQNEV Buchanan, K J	SAME
	KY, Oldham Co PPQ/	IL Stephenson 7000e PHL 1 May	PPQNMI-TLB-82-1270-3 PPQNEV Keith, R M	SAME
	IN, Harrison Co PPQ/	IL Stephenson 14400e PHL 2 May	PPQNMI-TLB-82-2286 PPQNEV Keith, R M	SAME
	IN, Harrison Co PPQ/	IL Union 21600e PHL 3 May	PPQNMI-TLB-82-2251 PPQNEV Bradley, R	SAME
	KY, Oldham Co PPQ/	IL Vermilion 28000e PHL 3 May	PPQNMI-TLB-82-1262 PPQNEV Cummings, L	SAME
	KY, Oldham Co PPQ/	IL Warren 21000e PHL 3 May	PPQNMI-TLB-82-1249 PPQNEV Lueders, T	SAME
	IN, Harrison Co PPQ/	IL Washington 21600e PHL 2 May	PPQNMI-TLB-82-2242 PPQNEV Sproat, B	SAME
	IN, Harrison Co PPQ/	IL Wayne 21600e PHL 1 May	PPQNMI-TLB-82-2258 PPQNEV Townsend, W	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	IL Will 28000e PHL May	4	PPQNMI-TLB-82-1262 PPQNEV Cummings, L	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	IL Will 198000e PHL May	1	PPQNMI-TLB-82-2298 PPQNEV Cummings, L	SAME
	KY, Oldham Co PPQ/	IL Winnebago 7000e PHL May	1	PPQNMI-TLB-82-1270-1 PPQNEV Keith, R M	SAME
	IN, Harrison Co PPQ/	IL Winnebago 7200e PHL May	1	PPQNMI-TLB-82-2286-3 PPQNEV Keith, R M	SAME
	KY, Oldham Co PPQ/	IL Woodford 21000e PHL May	3	PPQNMI-TLB-82-1240 PPQNEV Anderson, D	SAME
	MI, Cass Co PPQNMI/	IN Delaware 14430e PHL May	3	PPQNMI-TLB-82-3053 PPQNEV Sproat, B	SAME
	MI, Berrien Co PPQNMI/	IN Hamilton 7200e PHL May	3	PPQNMI-TLB-82-3000 PPQNEV Sproat, B	SAME
	KY, Oldham Co PPQ/	IN LaPorte 75000e PHL May	1	PPQNMI-TLB-82-1308 PPQNEV Teresinski, G G	SAME
	IN, Harrison Co PPQ/	IN LaPorte 117000e PHL May	1	PPQNMI-TLB-82-2300 PPQNEV Teresinski, G G	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	IN Lawrence 180000e PHL May	1	PPQNMI-TLB-82-2299 PPQNEV Sproat, B	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	IN Lawrence 144000e PHL May	1	PPQNMI-TLB-82-2358 PPQNEV Sproat, B	SAME
	MI, Berrien Co PPQNMI/	IN Montgomery 7200e PHL May	3	PPQNMI-TLB-82-3000 PPQNEV Sproat, B	SAME
	KY, Oldham Co PPQ/	KS Atchison 14700e PHL May	3	PPQNMI-TLB-82-1116 KSSBA Hilbert, B	SAME
	IN, Harrison Co PPQ/	KS Atchison 18000e PHL May	2	PPQNMI-TLB-82-2376 KSSBA Hilbert, B	SAME
	IN, Harrison Co PPQ/	KS Barton 4900e PHL May	1	PPQNMI-TLB-82-2160-8 KSSBAG Salsbury, G A	SAME
	IN, Harrison Co PPQ/	KS Bourbon 4900e PHL May	1	PPQNMI-TLB-82-2150-1 KSSBABC White, S C	SAME
	IN, Harrison Co PPQ/	KS Cherokee 4900e PHL May	1	PPQNMI-TLB-82-2143-4 KSSBABC White, S C	SAME
	IN, Harrison Co PPQ/	KS Cherokee 12000e PHL May	1	PPQNMI-TLB-82-2370-2 KSSBABC White, S C	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	KS Cheyenne 4900e PHL May	1	PPQNMI-TLB-82-1139-2 PPQSCIV Shuman, M L	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	KS Clay 4900e PHL May	1	PPQNMI-TLB-82-2149-4 KSSBA Hilbert, B	SAME
	IN, Harrison Co PPQ/	KS Cloud 9800e PHL May	2	PPQNMI-TLB-82-2149 KSSBA Hilbert, B	SAME
	IN, Harrison Co PPQ/	KS Comanche 21000e PHL May	3	PPQNMI-TLB-82-2129 KSSBAG Salsbury, G A	SAME
	IN, Harrison Co PPQ/	KS Comanche 6000e PHL May	1	PPQNMI-TLB-82-2387-5 KSSBAG Salsbury, G A	SAME
	IN, Harrison Co PPQ/	KS Cowley 19600e PHL May	3	PPQNMI-TLB-82-2160 KSSBAG Salsbury, G A	SAME
	IN, Harrison Co PPQ/	KS Crawford 9800e PHL Apr	2	PPQNMI-TLB-82-2143 KSSBABC White, S C	SAME
	KY, Oldham Co PPQ/	KS Dickinson 9800e PHL May	1	PPQNMI-TLB-82-1134-1 KSSBA Hilbert, B	SAME
	IN, Harrison Co PPQ/	KS Dickinson 6000e PHL May	1	PPQNMI-TLB-82-2360-1 PPQSCIV Porterfield, L D	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	KS Douglas 4900e PHL 1 May	PPQNMI-TLB-82-1115 KSSBABC White, S C	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	KS Douglas 4900e PHL 1 May	PPQNMI-TLB-82-2150-4 KSSBABC White, S C	SAME
	KY, Oldham Co PPQ/	KS Finney 4900e PHL 1 May	PPQNMI-TLB-82-1147-4 PPQSCIV Shuman, M L	SAME
	IN, Harrison Co PPQ/	KS Finney 12000e PHL 1 May	PPQNMI-TLB-82-2392-1 PPQSCIV Shuman, M L	SAME
	KY, Oldham Co PPQ/	KS Graham 9800e PHL 2 May	PPQNMI-TLB-82-1139 PPQSCIV Shuman, M L	SAME
	IN, Harrison Co PPQ/	KS Greenwood 9800e PHL 2 May	PPQNMI-TLB-82-2143 KSSBABC White, S C	SAME
	IN, Harrison Co PPQ/	KS Greenwood 6000e PHL 1 May	PPQNMI-TLB-82-2370-3 KSSBABC White, S C	SAME
	IN, Harrison Co PPQ/	KS Harvey 7000e PHL 1 May	PPQNMI-TLB-82-2136-4 KSSBAG Salsbury, G A	SAME
	KY, Oldham Co PPQ/	KS Jackson 19600e PHL 4 May	PPQNMI-TLB-82-1116 KSSBA Hilbert, B	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	KS Jackson 8100e PHL 1 May	PPQNMI-TLB-82-1355-2 KSSBA Hilbert, B	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	KS Jackson 21000e PHL 2 May	PPQNMI-TLB-82-2376 KSSBA Hilbert, B	SAME
	KY, Oldham Co PPQ/	KS Jefferson 9800e PHL 2 May	PPQNMI-TLB-82-1116 KSSBA Hilbert, B	SAME
	KY, Oldham Co PPQ/	KS Jefferson 4900e PHL 1 May	PPQNMI-TLB-82-1125-8 KSSBA Hilbert, B	SAME
	KY, Oldham Co PPQ/	KS Jefferson 4900e PHL 1 May	PPQNMI-TLB-82-1134-4 KSSBA Hilbert, B	SAME
	KY, Oldham Co PPQ/	KS Jefferson 5400e PHL 1 May	PPQNMI-TLB-82-1355-1 KSSBA Hilbert, B	SAME
	IN, Harrison Co PPQ/	KS Jewell 4900e PHL 1 May	PPQNMI-TLB-82-2149-7 KSSBA Hilbert, B	SAME
	IN, Harrison Co PPQ/	KS Kiowa 3000e PHL 1 May	PPQNMI-TLB-82-2387-1 KSSBAG Salsbury, G A	SAME
	KY, Oldham Co PPQ/	KS Lincoln 4900e PHL 1 May	PPQNMI-TLB-82-1125-9 KSSBA Hilbert, B	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	KS Lincoln 12000e PHL 1 May	PPQNMI-TLB-82-2360-5 PPQSCIV Porterfield, L D	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	KS Linn 4900e PHL 1 May	PPQNMI-TLB-82-2150-2 KSSBABC White, S C	SAME
	KY, Oldham Co PPQ/	KS Lyon 4900e PHL 1 May	PPQNMI-TLB-82-1134-2 KSSBA Hilbert, B	SAME
	IN, Harrison Co PPQ/	KS Marion 14000e PHL 2 May	PPQNMI-TLB-82-2136 KSSBAG Salsbury, G A	SAME
	IN, Harrison Co PPQ/	KS McPherson 7000e PHL 1 May	PPQNMI-TLB-82-2136-7 KSSBAG Salsbury, G A	SAME
	IN, Harrison Co PPQ/	KS McPherson 9800e PHL 2 May	PPQNMI-TLB-82-2160 KSSBAG Salsbury, G A	SAME
	IN, Harrison Co PPQ/	KS Miami 4900e PHL 1 May	PPQNMI-TLB-82-2150-3 KSSBABC White, S C	SAME
	KY, Oldham Co PPQ/	KS Mitchell 4900e PHL 1 May	PPQNMI-TLB-82-1125-3 KSSBA Hilbert, B	SAME
	IN, Harrison Co PPQ/	KS Mitchell 9800e PHL 2 May	PPQNMI-TLB-82-2149 KSSBA Hilbert, B	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	KS Mitchell 12000e PHL May	1	PPQNMI-TLB-82-2360-3 PPQSCIV Porterfield, L D	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	KS Montgomery 4900e PHL May	1	PPQNMI-TLB-82-2143-3 KSSBABC White, S C	SAME
	IN, Harrison Co PPQ/	KS Montgomery 12000e PHL May	1	PPQNMI-TLB-82-2370-1 KSSBABC White, S C	SAME
	KY, Oldham Co PPQ/	KS Ness 9800e PHL May	2	PPQNMI-TLB-82-1139 PPQSCIV Shuman, M L	SAME
	IN, Harrison Co PPQ/	KS Ness 12000e PHL May	1	PPQNMI-TLB-82-2392-3 PPQSCIV Shuman, M L	SAME
	KY, Oldham Co PPQ/	KS Norton 4900e PHL May	1	PPQNMI-TLB-82-1139-3 PPQSCIV Shuman, M L	SAME
	KY, Oldham Co PPQ/	KS Osage 9800e PHL May	1	PPQNMI-TLB-82-1114 PPQSCIV Ross, G R	SAME
	KY, Oldham Co PPQ/	KS Osage 4900e PHL May	1	PPQNMI-TLB-82-1134-3 KSSBA Hilbert, B	SAME
	IN, Harrison Co PPQ/	KS Osage 12000e PHL May	1	PPQNMI-TLB-82-2374 PPQSCIV Ross, G R	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	KS Osborne 14700e PHL May	3	PPQNMI-TLB-82-1125 KSSBA Hilbert, B	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	KS Osborne 6000e PHL May	1	PPQNMI-TLB-82-2360-2 PPQSCIV Porterfield, L D	SAME
	IN, Harrison Co PPQ/	KS Pawnee 7000e PHL May	1	PPQNMI-TLB-82-2136-3 KSSBAG Salsbury, G A	SAME
	KY, Oldham Co PPQ/	KS Pottawatomie 9800e PHL May	2	PPQNMI-TLB-82-1125 KSSBA Hilbert, B	SAME
	IN, Harrison Co PPQ/	KS Pottawatomie 4900e PHL May	1	PPQNMI-TLB-82-2149-3 KSSBA Hilbert, B	SAME
	IN, Harrison Co PPQ/	KS Pottawatomie 6000e PHL May	1	PPQNMI-TLB-82-2376-5 KSSBA Hilbert, B	SAME
	IN, Harrison Co PPQ/	KS Pratt 14000e PHL May	2	PPQNMI-TLB-82-2136 KSSBAG Salsbury, G A	SAME
	IN, Harrison Co PPQ/	KS Pratt 4900e PHL May	1	PPQNMI-TLB-82-2160-1 KSSBAG Salsbury, G A	SAME
	IN, Harrison Co PPQ/	KS Pratt 6000e PHL May	2	PPQNMI-TLB-82-2387 KSSBAG Salsbury, G A	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	KS Reno 4900e PHL May	1	PPQNMI-TLB-82-2160-7 KSSBAG Salsbury, G A	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	KS Russell 4900e PHL May	1	PPQNMI-TLB-82-1125-7 KSSBA Hilbert, B	SAME
	IN, Harrison Co PPQ/	KS Russell 12000e PHL May	1	PPQNMI-TLB-82-2360-4 PPQSCIV Porterfield, L	SAME
	KY, Oldham Co PPQ/	KS Scott 19600e PHL May	3	PPQNMI-TLB-82-1147 PPQSCIV Shuman, M L	SAME
	IN, Harrison Co PPQ/	KS Scott 12000e PHL May	1	PPQNMI-TLB-82-2392-2 PPQSCIV Shuman, M L	SAME
	IN, Harrison Co PPQ/	KS Sedgwick 28000e PHL May	4	PPQNMI-TLB-82-2129 KSSBAG Salsbury, G A	SAME
	IN, Harrison Co PPQ/	KS Sedgwick 3000e PHL May	1	PPQNMI-TLB-82-2387-4 KSSBAG Salsbury, G A	SAME
	IN, Harrison Co PPQ/	KS Shawnee 12000e PHL May	1	PPQNMI-TLB-82-2368 PPQSCIV Mitchell, V	SAME
	KY, Oldham Co PPQ/	KS Sheridan 4900e PHL May	1	PPQNMI-TLB-82-1139-6 PPQSCIV Shuman, M L	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	KS Sherman 4900e PHL May	1	PPQNMI-TLB-82-1139-1 PPQSCIV Shuman, M L	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	KY Barren 30000e PHL May	3	PPQNMI-TLB-82-1283 UKY Parr, J C	SAME
	KY, Oldham Co PPQ/	KY Christian 30000e PHL May	3	PPQNMI-TLB-82-1290 UKY Parr, J C	SAME
	KY, Oldham Co PPQ/	KY Hart 30000e PHL May	3	PPQNMI-TLB-82-1283 UKY Parr, J C	SAME
	KY, Oldham Co PPQ/	KY Laurel 1020e PHL Apr	1	PPQNMI-TLB-82-1001 UKYEXT Claiborne, P	SAME
	KY, Oldham Co PPQ/	KY Laurel 10000e PHL May	2	PPQNMI-TLB-82-1226 UKYEXT Claiborne, P	SAME
	KY, Oldham Co PPQ/	KY Lincoln 60000e PHL May	3	PPQNMI-TLB-82-1302 PPQSEIII Smith, W	SAME
	KY, Oldham Co PPQ/	KY Logan 10000e PHL May	1	PPQNMI-TLB-82-1290-4 UKY Parr, J C	SAME
	KY, Oldham Co PPQ/	KY Madison 30000e PHL May	3	PPQNMI-TLB-82-1305 PPQSEIII Smith, W	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	KY Marion 10000e PHL 1 May	PPQNMI-TLB-82-1283-1 UKY Parr, J C	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	KY Pulaski 5000e PHL 1 May	PPQNMI-TLB-82-1226-1 UKYEXT Claiborne, P	SAME
	KY, Oldham Co PPQ/	KY Rockcastle 1020e PHL 1 Apr	PPQNMI-TLB-82-1060 PPQSEIII Mills, T	SAME
	KY, Oldham Co PPQ/	KY Rockcastle 15000e PHL 2 May	PPQNMI-TLB-82-1227 PPQSEIII Mills, T	SAME
	KY, Oldham Co PPQ/	KY Warren 20000e PHL 2 May	PPQNMI-TLB-82-1290 UKY Parr, J C	SAME
	KY, Oldham Co PPQ/	KY Washington 20000e PHL 2 May	PPQNMI-TLB-82-1281 UKYEXT Greenwell, R	SAME
	KY, Oldham Co PPQ/	KY Wayne 3060e PHL 3 Apr	PPQNMI-TLB-82-1057 UKYEXT Radford, M	SAME
	KY, Oldham Co PPQ/	KY Wayne 15000e PHL 3 May	PPQNMI-TLB-82-1221 UKYEXT Radford, M	SAME
	MI, Cass Co PPQNMI/	MI Alcona 7200e PHL 1 May	PPQNMI-TLB-82-3248 MIBB Buchner, B	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Cass Co PPQNMI/	MI Allegan 7200e PHL 3 May	PPQNMI-TLB-82-3231 PPQNEV Mansell, G	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/	MI Antrim 7200e PHL 3 May	PPQNMI-TLB-82-3260 PPQNEV Ganger, J	SAME
	MI, Cass Co PPQNMI/	MI Bay 7200e PHL 3 May	PPQNMI-TLB-82-3203 PPQNEV Waisanen, W	SAME
	MI, Cass Co PPQNMI/	MI Calhoun 7200e PHL 3 May	PPQNMI-TLB-82-3272 PPQNEV Eibling, J R	SAME
	MI, Cass Co PPQNMI/	MI Chippewa 4800e PHL 1 May	PPQNMI-TLB-82-3237 PPQNEV Stephens, C F	SAME
	MI, Cass Co PPQNMI/	MI Crawford 7200e PHL 2 May	PPQNMI-TLB-82-3177 PPQNEV Guthrie, M C	SAME
	MI, Cass Co PPQNMI/	MI Delta 7200e PHL 3 May	PPQNMI-TLB-82-3225 PPQNEV Pellegrini, M K	SAME
	MI, Cass Co PPQNMI/	MI Dickinson 7200e PHL 2 May	PPQNMI-TLB-82-3225 PPQNEV Pellegrini, M K	SAME
	MI, Cass Co PPQNMI/	MI Emmet 7200e PHL 3 May	PPQNMI-TLB-82-3251 PPQNEV Ganger, J	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Cass Co PPQNMI/	MI Genesee 7200e PHL 3 May	PPQNMI-TLB-82-3213 PPQNEV Martin, E	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/	MI Gladwin 7200e PHL 3 May	PPQNMI-TLB-82-3177 PPQNEV Guthrie, M C	SAME
	MI, Cass Co PPQNMI/	MI Gogebic 7200e PHL 2 May	PPQNMI-TLB-82-3242 PPQNEV Ruppe, J	SAME
	MI, Cass Co PPQNMI/	MI Grand Traverse 7200e PHL 3 May	PPQNMI-TLB-82-3266 MISUEXT McManus, G	SAME
	MI, Cass Co PPQNMI/	MI Gratiot 7200e PHL 2 May	PPQNMI-TLB-82-3183 PPQNEV Earl, T R	SAME
	MI, Cass Co PPQNMI/	MI Hillsdale 7200e PHL 3 May	PPQNMI-TLB-82-3272 PPQNEV Eibling, J R	SAME
	MI, Cass Co PPQNMI/	MI Houghton 7200e PHL 3 May	PPQNMI-TLB-82-3239 MISUEXT Clark, R J	SAME
	MI, Cass Co PPQNMI/	MI Huron 7200e PHL 3 May	PPQNMI-TLB-82-3197 PPQNEV Waisanen, W	SAME
	MI, Cass Co PPQNMI/	MI Ingham 7200e PHL 3 May	PPQNMI-TLB-82-3213 PPQNEV Martin, E	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Cass Co PPQNMI/	MI Isabella 7200e PHL 2 May	PPQNMI-TLB-82-3177 PPQNEV Guthrie, M C	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/	MI Kent 7200e PHL 3 May	PPQNMI-TLB-82-3231 PPQNEV Earl, T R	SAME
	MI, Cass Co PPQNMI/	MI Leelanau 7200e PHL 3 May	PPQNMI-TLB-82-3260 PPQNEV Ganger, J	SAME
	MI, Cass Co PPQNMI/	MI Manistee 7200e PHL 3 May	PPQNMI-TLB-82-3266 MISUEXT Grahiem, G	SAME
	MI, Cass Co PPQNMI/	MI Mason 7200e PHL 3 May	PPQNMI-TLB-82-3183 PPQNEV Earl, T R	SAME
	MI, Cass Co PPQNMI/	MI Missaukee 7200e PHL 3 May	PPQNMI-TLB-82-3188 PPQNEV Guthrie, M C	SAME
	MI, Cass Co PPQNMI/	MI Monroe 7200e PHL 3 May	PPQNMI-TLB-82-3203 PPQNEV Waisanen, W	SAME
	MI, Cass Co PPQNMI/	MI Montmorency 7200e PHL 3 May	PPQNMI-TLB-82-3251 PPQNEV Ganger, J	SAME
	MI, Cass Co PPQNMI/	MI Newaygo 7200e PHL 3 May	PPQNMI-TLB-82-3231 PPQNEV Earl, T R	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Cass Co PPQNMI/	MI Oakland 7200e PHL 3 May	PPQNMI-TLB-82-3209 PPQNEV Martin, E	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/	MI Ogemaw 7200e PHL 3 May	PPQNMI-TLB-82-3188 PPQNEV Guthrie, M C	SAME
	MI, Cass Co PPQNMI/	MI Osceola 7200e PHL 3 May	PPQNMI-TLB-82-3188 PPQNEV Guthrie, M C	SAME
	MI, Cass Co PPQNMI/	MI Presque Isle 7200e PHL 3 May	PPQNMI-TLB-82-3251 PPQNEV Ganger, J	SAME
	MI, Cass Co PPQNMI/	MI St Clair 7200e PHL 3 May	PPQNMI-TLB-82-3197 PPQNEV Waisanen, W	SAME
	MI, Cass Co PPQNMI/	MI St Joseph 7200e PHL 3 May	PPQNMI-TLB-82-3272 PPQNEV Eibling, J R	SAME
	MI, Cass Co PPQNMI/	MI Washtenaw 7200e PHL 3 May	PPQNMI-TLB-82-3209 PPQNEV Martin, E	SAME
	KY, Oldham Co PPQ/	MO Adair 10500e PHL 3 May	PPQNMI-TLB-82-1157 PPQSCIV Wallerich, J L	SAME
	KY, Oldham Co PPQ/	MO Buchanan 17500e PHL 3 May	PPQNMI-TLB-82-1194 MODA Burgess, L P	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	MO Camden 14000e PHL 2 May	PPQNMI-TLB-82-2186 UMOEXT Rycyk, F	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	MO Christian 7000e PHL 2 May	PPQNMI-TLB-82-1167 MODA Carmichael, O E	SAME
	IN, Harrison Co PPQ/	MO Clay 4900e PHL 1 May	PPQNMI-TLB-82-2169 MODA Burgess, L P	SAME
	KY, Oldham Co PPQ/	MO Clinton 10500e PHL 3 May	PPQNMI-TLB-82-1194 MODA Burgess, L P	SAME
	IN, Harrison Co PPQ/	MO Cole 7000e PHL 1 May	PPQNMI-TLB-82-2185 MODA Francka, J E	SAME
	IN, Harrison Co PPQ/	MO Cooper 21000e PHL 3 May	PPQNMI-TLB-82-2186 UMOEXT Rycyk, F	SAME
	KY, Oldham Co PPQ/	MO Dade 10500e PHL 3 May	PPQNMI-TLB-82-1167 MODA Carmichael, O E	SAME
	KY, Oldham Co PPQ/	MO Dallas 3500e PHL 1 May	PPQNMI-TLB-82-1167-5 MODA Carmichael, O E	SAME
	KY, Oldham Co PPQ/	MO Daviess 10500e PHL 3 May	PPQNMI-TLB-82-1187 PPQSCIV Nichols, R W	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	MO Dent 21000e PHL 1 May	PPQNMI-TLB-82-2179-1 UMO Brandenburg, R L	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	MO Franklin 21000e PH; 3 May	PPQNMI-TLB-82-2191 PPQSCIV MacRae, T C	SAME
	IN, Harrison Co PPQ/	MO Gasconade 21000e PHL 3 May	PPQNMI-TLB-82-2232 PPQSCIV Wallerich, J L	SAME
	KY, Oldham Co PPQ/	MO Gentry 3500e PHL 1 May	PPQNMI-TLB-82-1184-4 PPQSCIV Conner, F E	SAME
	IN, Harrison Co PPQ/	MO Greene 180000e PHL 1 May	PPQNMI-TLB-82-2357 PPQSCIV Brennecke, B J	SAME
	KY, Oldham Co PPQ/	MO Grundy 14000e PHL 3 May	PPQNMI-TLB-82-1190 UMOEXT Hexem, R O	SAME
	KY, Oldham Co PPQ/	MO Henry 10500e PHL 3 May	PPQNMI-TLB-82-1178 UMOEXT Lindell, D L	SAME
	IN, Harrison Co PPQ/	MO Iron 21000e PHL 3 May	PPQNMI-TLB-82-2203 UMOEXT Zielinski, M	SAME
	KY, Oldham Co PPQ/	MO Jasper 7000e PHL 2 May	PPQNMI-TLB-82-1160 MODA Carmichael, O E	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	MO Jasper 3500e PHL 1 May	PPQNMI-TLB-82-1167-8 MODA Carmichael, O E	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	MO Jefferson 21000e PHL 3 May	PPQNMI-TLB-82-2191 PPQSCIV MacRae, T C	SAME
	KY, Oldham Co PPQ/	MO Knox 10500e PHL 3 May	PPQNMI-TLB-82-1154 UMOEXT Hummel, C	SAME
	KY, Oldham Co PPQ/	MO Lawrence 7000e PHL 2 May	PPQNMI-TLB-82-1160 MODA Carmichael, O E	SAME
	KY, Oldham Co PPQ/	MO Lawrence 3500e PHL 1 May	PPQNMI-TLB-82-1167-1 MODA Carmichael, O E	SAME
	IN, Harrison Co PPQ/	MO Lincoln 21000e PHL 3 May	PPQNMI-TLB-82-2197 PPQSCIV Brennecke, B J	SAME
	IN, Harrison Co PPQ/	MO Linn 21000e PHL 1 May	PPQNMI-TLB-82-2179-2 UMO Spurgeon, D	SAME
	IN, Harrison Co PPQ/	MO Macon 21000e PHL 3 May	PPQNMI-TLB-82-2170 PPQSCIV Wallerich, J L	SAME
	IN, Harrison Co PPQ/	MO Madison 21000e PHL 3 May	PPQNMI-TLB-82-2203 UMOEXT Zielinski, M	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	MO Marion 21000e PHL 3 May	PPQNMI-TLB-82-2170 PPQSCIV Wallerich, J L	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	MO Montgomery 21000e PHL 3 May	PPQNMI-TLB-82-2235 PPQSCIV Courtney, D F	SAME
	KY, Oldham Co PPQ/	MO Newton 10500e PHL 3 May	PPQNMI-TLB-82-1160 MODA Carmichael, O E	SAME
	IN, Harrison Co PPQ/	MO Osage 21000e PHL 2 May	PPQNMI-TLB-82-2176 UMOEXT Rycyk, F	SAME
	KY, Oldham Co PPQ/	MO Pettis 10500e PHL 3 May	PPQNMI-TLB-82-1178 UMOEXT Lindell, D L	SAME
	IN, Harrison Co PPQ/	MO Pike 21000e PHL 3 May	PPQNMI-TLB-82-2235 PPQSCIV Courtney, D F	SAME
	KY, Oldham Co PPQ/	MO Platte 14000e PHL 3 May	PPQNMI-TLB-82-1194 MODA Burgess, L P	SAME
	KY, Oldham Co PPQ/	MO Schuyler 300000e PHL 1 May	PPQNMI-TLB-82-1353 PPQSCIV Harrison, H	SAME
	IN, Harrison Co PPQ/	MO Scott 21000e PHL 3 May	PPQNMI-TLB-82-2208 MODAS Hanning, L	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	MO St Charles 21000e PHL May	3	PPQNMI-TLB-82-2200 PPQSCIV Courtney, D F	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	MO Ste Genevieve 21000e PHL May	1	PPQNMI-TLB-82-2208-4 MODAS Hanning, L	SAME
	KY, Oldham Co PPQ/	MO Vernon 10500e PHL May	3	PPQNMI-TLB-82-1175 UMOEXT Graham, G	SAME
	IN, Harrison Co PPQ/	MO Washington 21000e PHL May	3	PPQNMI-TLB-82-2229 PPQSCIV Brennecke, B J	SAME
	KY, Oldham Co PPQ/	MO Worth 10500e PHL May	3	PPQNMI-TLB-82-1184 PPQSCIV Conner, F E	SAME
	IN, Harrison Co PPQ/	NC Allegheny 7000e PHL May	1	PPQNMI-TLB-82-2224-2 PPQSEIV Savage, J	SAME
	IN, Harrison Co PPQ/	NC Ashe 14000e PHL May	2	PPQNMI-TLB-82-2224 PPQSEIV Savage, J	SAME
	KY, Oldham Co PPQ/	NC Buncombe 2992e PHL Apr	1	PPQNMI-TLB-82-1084-2 PPQSEIV Savage, J	SAME
	KY, Oldham Co PPQ/	NC Catawba 2992e PHL Apr	1	PPQNMI-TLB-82-1084-6 PPQSEIV Savage, J	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	NC Cleveland 2992e PHL 1 Apr	PPQNMI-TLB-82-1084-4 PPQSEIV Savage, J	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	NC Davidson 5984e PHL 2 Apr	PPQNMI-TLB-82-1096 PPQSEIV Witt, K	SAME
	IN, Harrison Co PPQ/	NC Davidson 2040e PHL 1 Apr	PPQNMI-TLB-82-2120-1 PPQSEIV Witt, K	SAME
	KY, Oldham Co PPQ/	NC Haywood 2992e PHL 1 Apr	PPQNMI-TLB-82-1084-1 PPQSEIV Savage, J	SAME
	KY, Oldham Co PPQ/	NC Henderson 2992e PHL 1 Apr	PPQNMI-TLB-82-1084-3 PPQSEIV Savage, J	SAME
	IN, Harrison Co PPQ/	NC Henderson 7000e PHL 1 May	PPQNMI-TLB-82-2224-1 PPQSEIV Savage, J	SAME
	KY, Oldham Co PPQ/	NC Lincoln 2992e PHL 1 Apr	PPQNMI-TLB-82-1084-5 PPQSEIV Savage, J	SAME
	KY, Oldham Co PPQ/	NC Orange 2992e PHL 1 Apr	PPQNMI-TLB-82-1096-1 PPQSEIV Witt, K	SAME
	IN, Harrison Co PPQ/	NC Orange 4080e PHL 2 Apr	PPQNMI-TLB-82-2120 PPQSEIV Witt, K	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	NC Robeson 10200e PHL Apr	1	PPQNMI-TLB-82-2115 PPQSEIV Lowry, A R Calhoun, L E	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNMI/	ND Burleigh 5700e PHL Jun	3	PPQNMI-TLB-82-3330 PPQWV Winks, L K	SAME
	MI, Berrien Co PPQNMI/	ND McKenzie 11400e PHL Jun	4	PPQNMI-TLB-82-3324 NDDA Brandvik, W J	SAME
	KY, Oldham Co PPQ/	NE Blaine 5000e PHL May	1	PPQNMI-TLB-82-1340-3 PPQSCIV Rabe, G G	SAME
	KY, Oldham Co PPQ/	NE Buffalo 10000e PHL May	1	PPQNMI-TLB-82-1309 UNEEXT Roeber, R	SAME
	IN, Harrison Co PPQ/	NE Cherry 42000e PHL May	6	PPQNMI-TLB-82-2320 PPQSCIV Aldridge, G R	SAME
	IN, Harrison Co PPQ/	NE Cherry 18000e PHL May	3	PPQNMI-TLB-82-2354 UNEEXT Stokely, H	SAME
	KY, Oldham Co PPQ/	NE Custer 10000e PHL May	2	PPQNMI-TLB-82-1340 PPQSCIV Rabe, G G	SAME
	KY, Oldham Co	NE Custer 15000e PHL May	1	PPQNMI-TLB-82-1347 PPQSCIV Aldridge, G R	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	NE Custer 7200e PHL 2 May	PPQNMI-TLB-82-2339 PPQSCIV Aldridge, G R	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	NE Dawson 18000e PHL 3 May	PPQNMI-TLB-82-2303 FRRU Manglitz, G R	SAME
	KY, Oldham Co PPQ/	NE Deuel 15000e PHL 3 May	PPQNMI-TLB-82-1337 UNEEXT Sall, R	SAME
	KY, Oldham Co PPQ/	NE Dundy 15000e PHL 3 May	PPQNMI-TLB-82-1344 PPQSCIV Schade, J M	SAME
	KY, Oldham Co PPQ/	NE Franklin 15000e PHL 3 May	PPQNMI-TLB-82-1323 PPQSCIV UNEEXT Miller, N D Schneider, L	SAME
	KY, Oldham Co PPQ/	NE Furnas 30000e PHL 5 May	PPQNMI-TLB-82-1314 UNEEXT Mues, N	SAME
	IN, Harrison Co PPQ/	NE Gage 18000e PHL 3 May	PPQNMI-TLB-82-2309 UNEEXT Germer, L	SAME
	KY, Oldham Co PPQ/	NE Hall 15000e PHL 3 May	PPQNMI-TLB-82-1311 PPQSCIV Drudik, T	SAME
	IN, Harrison Co PPQ/	NE Hamilton 18000e PHL 3 May	PPQNMI-TLB-82-2327 UNEEXT Cranfill, J C	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	NE Harlan 15000e PHL 2 May	PPQNMI-TLB-82-1320 UNEEXT Anderson, T	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	NE Hitchcock 15000e PHL 3 May	PPQNMI-TLB-82-1332 UNEEXT Danielson, S	SAME
	IN, Harrison Co PPQ/	NE Howard 18000e PHL 3 May	PPQNMI-TLB-82-2324 UNEEXT Klahr, M	SAME
	IN, Harrison Co PPQ/	NE Keith 18000e PHL 3 May	PPQNMI-TLB-82-1350 PPQSCIV Lambert, J	SAME
	KY, Oldham Co PPQ/	NE Lincoln 30000e PHL 1 May	PPQNMI-TLB-82-1326 UNEEXT O'Brien, D	SAME
	IN, Harrison Co PPQ/	NE Morrill 30000e PHL 5 May	PPQNMI-TLB-82-2333 PPQSCIV O'Dea, D	SAME
	IN, Harrison Co PPQ/	NE Nance 18000e PHL 3 May	PPQNMI-TLB-82-2321 PPQSCIV Niemeyer, S	SAME
	IN, Harrison Co PPQ/	NE Nuckolls 18000e PHL 3 May	PPQNMI-TLB-82-2312 UNEEXT Hawley, C	SAME
	KY, Oldham Co PPQ/	NE Perkins 15000e PHL 3 May	PPQNMI-TLB-82-1334 UNEEXT Peterson, L A	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	NE Platte 18000e PHL 3 May	PPQNMI-TLB-82-2301 UNEEXT Voboril, R M	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	NE Saunders 18000e PHL 3 May	PPQNMI-TLB-82-2303 FRRU UNE Stevens, H J Rethwisch, M	SAME
	IN, Harrison Co PPQ/	NE Scotts Bluff 18000e PHL 2 May	PPQNMI-TLB-82-2330 PPQSCIV Sandine, M	SAME
	IN, Harrison Co PPQ/	NE Seward 18000e PHL 2 May	PPQNMI-TLB-82-2318 PPQSCIV Stuefer-Powell, C L	SAME
	IN, Harrison Co PPQ/	NE Sheridan 42000e PHL 6 May	PPQNMI-TLB-82-2339 PPQSCIV Aldridge, G R	SAME
	IN, Harrison Co PPQ/	NE Thayer 18000e PHL 2 May	PPQNMI-TLB-82-2315 PPQSCIV Widdicombe, K	SAME
	MI, Cass Co PPQNMI/	OH Crawford 9620e PHL 2 May	PPQNMI-TLB-82-3056 PPQNEV Zechman, J Wille, S	SAME
	MI, Cass Co PPQNMI/	OH Crawford 4810e PHL 1 May	PPQNMI-TLB-82-3079 PPQNEV Zechman, J Wille, S	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Cass Co PPQNMI/	OH Franklin 4810e PHL 1 May	PPQNMI-TLB-82-3080 PPQNEV Ward, A W	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/	OH Franklin 4810e PHL 1 May	PPQNMI-TLB-82-3091 PPQNEV Ward, A W	SAME
	MI, Cass Co PPQNMI/	OH Franklin 4810e PHL 1 May	PPQNMI-TLB-82-3093 PPQNEV Ward, A W	SAME
	KY, Oldham Co PPQ/	OK Alfalfa 4080e PHL 1 Apr	PPQNMI-TLB-82-1071 PPQSCII Crossland, S	SAME
	IN, Harrison Co PPQ/	OK Beckham 3400e PHL 2 Apr	PPQNMI-TLB-82-2078 PPQSCII Thomas, J H Cole, B E	SAME
	KY, Oldham Co PPQ/	OK Beckham 102000e PHL 1 May	PPQNMI-TLB-82-1100 PPQSCII Thomas, J H Cole, B E	SAME
	KY, Oldham Co PPQ/	OK Beckham 220500e PHL 1 May	PPQNMI-TLB-82-1153 PPQSCII Thomas, J H	SAME
	IN, Harrison Co PPQ/	OK Beckham 210000e PHL 1 May	PPQNMI-TLB-82-2241 PPQSCII Thomas, J H	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	OK Beckham 243000e PHL 1 May	PPQNMI-TLB-82-2359 PPQSCII Thomas, J H	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	OK Bryan 5100e PHL 3 Apr	PPQNMI-TLB-82-2074 OKSDA Michael, O	SAME
	IN, Harrison Co PPQ/	OK Creek 6120e PHL 3 Apr	PPQNMI-TLB-82-2051 OKSDA Fleer, G C	SAME
	IN, Harrison Co PPQ/	OK Custer 6120e PHL 3 Apr	PPQNMI-TLB-82-2057 OKSDA Dudek, C	SAME
	KY, Oldham Co PPQ/	OK Ellis 2040e PHL 1 Apr	PPQNMI-TLB-82-1073-1 OKSDA Molnar, D	SAME
	IN, Harrison Co PPQ/	OK Garvin 5100e PHL 1 Apr	PPQNMI-TLB-82-2065 OKSDA Fuller, M	SAME
	KY, Oldham Co PPQ/	OK Grant 6120e PHL 3 Apr	PPQNMI-TLB-82-1068 PPQSCII Morton, R	SAME
	IN, Harrison Co PPQ/	OK Greer 1700e PPQNMI 1 Apr	PPQNMI-TLB-82-2078-3 PPQSCII Thomas, J H Cole, B E	SAME
	KY, Oldham Co PPQ/	OK Harper 4080e PHL 2 Apr	PPQNMI-TLB-82-1073 OKSDA Molnar, D	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	OK Harper 2040e PHL Apr	1	PPQNMI-TLB-82-2082 OKSDA Molnar, D	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	OK Kiowa 5100e PHL Apr	3	PPQNMI-TLB-82-2075 PPQSCII Hudson, M	SAME
	KY, Oldham Co PPQ/	OK Logan 6120e PHL May	3	PPQNMI-TLB-82-1061 PPQSCII Barker, J W	SAME
	IN, Harrison Co PPQ/	OK Love 5100e PHL Apr	3	PPQNMI-TLB-82-2074 OKSDA Michael, O	SAME
	IN, Harrison Co PPQ/	OK Murray 3400e PHL Apr	2	PPQNMI-TLB-82-2063 OKSDA Kingsbery, W	SAME
	IN, Harrison Co PPQ/	OK Muskogee 6120e PHL Apr	3	PPQNMI-TLB-82-2048 OKSDA Ridge, D	SAME
	IN, Harrison Co PPQ/	OK Nowata 3400e PHL May	1	PPQNMI-TLB-82-2054-1 PPQSCII Campbell, H C	SAME
	IN, Harrison Co PPQ/	OK Ottawa 6800e PHL May	2	PPQNMI-TLB-82-2054 PPQSCII Campbell, H C	SAME
	KY, Oldham Co PPQ/	OK Pawnee 8160e PHL Apr	4	PPQNMI-TLB-82-1064 OKSDA Grantham, A A	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	IN, Harrison Co PPQ/	OK Roger Mills 6120e PHL 2 Apr	PPQNMI-TLB-82-2057 OKSDA Dudek, C	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	OK Texas 12240e PHL 4 Apr	PPQNMI-TLB-82-1076 OKSDA Metz, R E	SAME
	KY, Oldham Co PPQ/	OK Woods 2040e PHL 1 May	PPQNMI-TLB-82-1083 PPQSCII Crossland, S	SAME
	KY, Oldham Co PPQ/	OK Woodward 40800e PHL 1 May	PPQNMI-TLB-82-1110 OKSDA Molnar, D	SAME
	KY, Oldham Co PPQ/	OK Woodward 80000e PHL 1 May	PPQNMI-TLB-82-1354 PPQSCII Thomas, J H	SAME
	IN, Harrison Co PPQ/	OK Woodward 63000e PHL 1 May	PPQNMI-TLB-82-2123 OKSDA Molnar, D	SAME
	IN, Harrison Co PPQ/	SC Cherokee 6120e PHL 2 Apr	PPQNMI-TLB-82-2109 PPQSEIV Bradshear, A L	SAME
	IN, Harrison Co PPQ/	SC Greenville 6120e PHL 1 Apr	PPQNMI-TLB-82-2101 PPQSEIV Goolsby, B F	SAME
	IN, Harrison Co PPQ/	SC Greenville 4080e PHL 2 Apr	PPQNMI-TLB-82-2105 SCCUEXT Palmer, K	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	SC Newberry 8976e PHL Apr	3	PPQNMI-TLB-82-1090 PPQSEIV King, J L	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	SC Orangeburg 12240e PHL Apr	1	PPQNMI-TLB-82-2110 PPQSEIV Langford, P W	SAME
	KY, Oldham Co PPQ/	SC Saluda 8976e PHL Apr	3	PPQNMI-TLB-82-1090 PPQSEIV King, J L	SAME
	MI, Berrien Co PPQNMI/	SD Bennett 1140e PHL Jun	1	PPQNMI-TLB-82-3340-4 PPQWV Tucker, D	SAME
	MI, Berrien Co PPQNMI/	SD Butte 1900e PHL Jun	1	PPQNMI-TLB-82-3333-2 PPQWV McClanahan, S A	SAME
	US, NJ,PA,OH,VA,WV+ PPQ/	SD Fall River 600e A Jun	3	PPQNMI-TLB-82-1108 PPQWV Tucker, D	SAME
	MI, Berrien Co PPQNMI/	SD Fall River 3420e PHL Jun	3	PPQNMI-TLB-82-3340 PPQWV Tucker, D	SAME
	US, NJ,PA,OH,VA,WV+ PPQ/	SD Haakon 400e A Jun	2	PPQNMI-TLB-82-2108 SDDA Krsnak, J	SAME
	MI, Berrien Co PPQNMI/	SD Haakon 2280e PHL Jun	2	PPQNMI-TLB-82-3335 SDDA Krsnak, J	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	US, NJ,PA,OH,VA,WV+ PPQ/	SD Lyman 600e A 3 Jun	PPQNMI-TLB-82-2108 SDDA Krsnak, J	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNMI/	SD Lyman 3420e PHL 3 Jun	PPQNMI-TLB-82-3335 SDDA Krsnak, J	SAME
	MI, Berrien Co PPQNMI/	SD Meade 2280e PHL 1 Jun	PPQNMI-TLB-82-3333-3 PPQWV McClanahan, S A	SAME
	MI, Berrien Co PPQNMI/	SD Pennington 1900e PHL 1 Jun	PPQNMI-TLB-82-3333-1 PPQWV McClanahan, S A	SAME
	KY, Oldham Co PPQ/	TN Bedford 3060e PHL 3 Apr	PPQNMI-TLB-82-1022 UTNEXT Gordon, D H	SAME
	KY, Oldham Co PPQ/	TN Bradley 3060e PHL 3 Apr	PPQNMI-TLB-82-1031 PPQSEIII Harris, R F	SAME
	IN, Harrison Co PPQ/	TN Bradley 21000e PHL 3 May	PPQNMI-TLB-82-2215 PPQSEIII Harris, R F	SAME
	IN, Harrison Co PPQ/	TN Carroll 4080e PHL 1 Apr	PPQNMI-TLB-82-2045 UTNEXT Keeton, B B	SAME
	KY, Oldham Co PPQ/	TN Clay 3060e PHL 3 Apr	PPQNMI-TLB-82-1054 UTNEXT Beaty, J C	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	TN Coffee 3060e PHL 3 Apr	PPQNMI-TLB-82-1016 UTNEXT Taylor, J L	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	TN Cumberland 3060e PHL 3 Apr	PPQNMI-TLB-82-1043 UTNEXT Thackston, R	SAME
	IN, Harrison Co PPQ/	TN Davidson 4080e PHL 3 Apr	PPQNMI-TLB-82-2012 UTNEXT Knight, F E	SAME
	IN, Harrison Co PPQ/	TN Dickson 4080e PHL 3 Apr	PPQNMI-TLB-82-2009 UTNEXT Shepard, M O	SAME
	IN, Harrison Co PPQ/	TN Dyer 4080e PHL 3 Apr	PPQNMI-TLB-82-2032 PPQSEIII Stafford, B G	SAME
	KY, Oldham Co PPQ/	TN Dyer 15000e PHL 3 May	PPQNMI-TLB-82-1214 PPQSEIII Stafford, B G	SAME
	IN, Harrison Co PPQ/	TN Fayette 2720e PHL 2 Apr	PPQNMI-TLB-82-2030 UTNEXT Jackson, W R	SAME
	KY, Oldham Co PPQ/	TN Fayette 10000e PHL 2 May	PPQNMI-TLB-82-1212 UTNEXT Jackson, W R	SAME
	KY, Oldham Co PPQ/	TN Fentress 2040e PHL 2 Apr	PPQNMI-TLB-82-1046 UTNEXT Smith, R D	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	TN Franklin 3060e PHL 3 Apr	PPQNMI-TLB-82-1019 UTNEXT Carr, P	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	TN Giles 4080e PHL 3 Apr	PPQNMI-TLB-82-2021 UTNEXT Taylor, J D	SAME
	IN, Harrison Co PPQ/	TN Giles 210000e PHL 1 May	PPQNMI-TLB-82-2228 PPQSEIII Watson, E B	SAME
	IN, Harrison Co PPQ/	TN Henry 4080e PHL 3 Apr	PPQNMI-TLB-82-2038 PPQSEIII Stafford, B G	SAME
	IN, Harrison Co PPQ/	TN Lake 1360e PHL 1 Apr	PPQNMI-TLB-82-2038-4 PPQSEIII Stafford, B G	SAME
	KY, Oldham Co PPQ/	TN Lake 5000e PHL 1 May	PPQNMI-TLB-82-1214-1 PPQSEIII Stafford, B G	SAME
	IN, Harrison Co PPQ/	TN Lauderdale 4080e PHL 3 Apr	PPQNMI-TLB-82-2032 PPQSEIII Stafford, B G	SAME
	KY, Oldham Co PPQ/	TN Lauderdale 15000e PHL 3 May	PPQNMI-TLB-82-1214 PPQSEIII Stafford, B G	SAME
	IN, Harrison Co PPQ/	TN Lawrence 4080e PHL 3 Apr	PPQNMI-TLB-82-2024 UTNEXT Matthews, J T	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	TN Lincoln 3060e PHL 3 Apr	PPQNMI-TLB-82-1025 UTNEXT Winsett, J	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	TN Loudon 3060e PHL 3 Apr	PPQNMI-TLB-82-1031 PPQSEIII Harris, R F	SAME
	IN, Harrison Co PPQ/	TN Loudon 21000e PHL 3 May	PPQNMI-TLB-82-2215 PPQSEIII Harris, R F	SAME
	KY, Oldham Co PPQ/	TN Macon 3060e PHL 3 Apr	PPQNMI-TLB-82-1006 UTNEXT Breeding, D	SAME
	IN, Harrison Co PPQ/	TN Marshall 4080e PHL 3 Apr	PPQNMI-TLB-82-2018 UTNEXT Brewer, L R	SAME
	IN, Harrison Co PPQ/	TN Maury 4080e PHL 3 Apr	PPQNMI-TLB-82-2015 UTNEXT Shepard, J B	SAME
	KY, Oldham Co PPQ/	TN McMinn 3060e PHL 2 Apr	PPQNMI-TLB-82-1031 PPQSEIII Harris, R F	SAME
	IN, Harrison Co PPQ/	TN McMinn 21000e PHL 2 May	PPQNMI-TLB-82-2215 PPQSEIII Harris, R F	SAME
	IN, Harrison Co PPQ/	TN Montgomery 4080e PHL 3 Apr	PPQNMI-TLB-82-2000 PPQSEIII Loucks, M V	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	TN Montgomery 15000e PHL 3 May	PPQNMI-TLB-82-1203 PPQSEIII Loucks, M V	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	TN Obion 4080e PHL 3 Apr	PPQNMI-TLB-82-2042 UTNEXT Grooms, C Morton, J	SAME
	KY, Oldham Co PPQ/	TN Overton 3060e PHL 3 Apr	PPQNMI-TLB-82-1051 UTNEXT Garrison, H B	SAME
	KY, Oldham Co PPQ/	TN Putnam 3060e PHL 3 Apr	PPQNMI-TLB-82-1048 UTNEXT Luna, R M	SAME
	IN, Harrison Co PPQ/	TN Robertson 4080e PHL 3 Apr	PPQNMI-TLB-82-2000 PPQSEIII Loucks, M V	SAME
	KY, Oldham Co PPQ/	TN Robertson 15000e PHL 3 May	PPQNMI-TLB-82-1203 PPQSEIII Loucks, M V	SAME
	KY, Oldham Co PPQ/	TN Rutherford 3060e PHL 3 Apr	PPQNMI-TLB-82-1009 PPQSEIII Watson, E B	SAME
	KY, Oldham Co PPQ/	TN Smith 2040e PHL 2 Apr	PPQNMI-TLB-82-1003 UTNEXT Cole, J D	SAME
	IN, Harrison Co PPQ/	TN Sumner 4080e PHL 3 Apr	PPQNMI-TLB-82-2000 PPQSEIII Loucks, M V	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	TN Sumner 15000e PHL 3 May	PPQNMI-TLB-82-1203 PPQSEIII Loucks, M V	Hypera postica (Gyllenhal) alfalfa weevil
	IN, Harrison Co PPQ/	TN Tipton 4080e PHL 3 Apr	PPQNMI-TLB-82-2027 UTNEXT Shelby, T O	SAME
	KY, Oldham Co PPQ/	TN Warren 3060e PHL 3 Apr	PPQNMI-TLB-82-1028 UTNEXT Ayers, C L	SAME
	KY, Oldham Co PPQ/	TN White 3060e PHL 3 Apr	PPQNMI-TLB-82-1040 UTNEXT Jernigan, B H	SAME
	KY, Oldham Co PPQ/	TN Williamson 3060e PHL 3 Apr	PPQNMI-TLB-82-1009 PPQSEIII Watson, E B	SAME
	KY, Oldham Co PPQ/	TN Wilson 2040e PHL 2 Apr	PPQNMI-TLB-82-1000 PPQSEIII Watson, E B	SAME
	KY, Oldham Co PPQ/	TN Wilson 1020e PHL 1 Apr	PPQNMI-TLB-82-1009-1 PPQSEIII Watson, E B	SAME
	MI, Cass Co PPQNMI/	WI Adams 4810e PHL 1 May	PPQNMI-TLB-82-3094-3 UWIEXT VanFleet, R	SAME
	MI, Berrien Co PPQNMI/	WI Barron 2160e PHL 3 Jun	PPQNMI-TLB-82-3290 UWIEXT Vruwink, H	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Berrien Co PPQNMI/	WI Brown 2160e PHL 3 Jun	PPQNMI-TLB-82-3315 PPQNEV Bedford, J	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/	WI Buffalo 14430e PHL 3 May	PPQNMI-TLB-82-3082 UWIEXT Brovold, A	SAME
	MI, Berrien Co PPQNMI/	WI Chippewa 2160e PHL 3 Jun	PPQNMI-TLB-82-3299 UWIEXT Kraemer, C	SAME
	MI, Berrien Co PPQNMI/	WI Clark 2160e PHL 3 Jun	PPQNMI-TLB-82-3296 PPQNEV Line, H E	SAME
	MI, Cass Co PPQNMI/	WI Columbia 9620e PHL 2 May	PPQNMI-TLB-82-3094 UWIEXT VanFleet, R	SAME
	MI, Cass Co PPQNMI/	WI Crawford 4810e PHL 1 May	PPQNMI-TLB-82-3062 UWIEXT Daentl, D	SAME
	MI, Cass Co PPQNMI/	WI Dane 9620e PHL 2 May	PPQNMI-TLB-82-3075 UWIEXT O'Connell, T	SAME
	MI, Cass Co PPQNMI/	WI Dane 4810e PHL 1 May	PPQNMI-TLB-82-3076 UWIEXT O'Connell, T	SAME
	MI, Cass Co PPQNMI/	WI Dodge 14430e PHL 3 May	PPQNMI-TLB-82-3100 UWIEXT Fanta, J	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Berrien Co PPQNMI/	WI Door 2160e PHL 3 Jun	PPQNMI-TLB-82-3312 UWIEXT Schachtner, N	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNMI/	WI Dunn 2160e PHL 3 Jun	PPQNMI-TLB-82-3302 UWIEXT Sommerfield, K	SAME
	MI, Berrien Co PPQNMI/	WI Florence 2160e PHL 2 Jun	PPQNMI-TLB-82-3281 UWIEXT Anderson, W G	SAME
	MI, Cass Co PPQNMI/	WI Fond du Lac 14430e PHL 3 May	PPQNMI-TLB-82-3104 UWIEXT Jennings, N S	SAME
	MI, Cass Co PPQNMI/	WI Grant 14430e PHL 3 May	PPQNMI-TLB-82-3063 UWIEXT Wood, T	SAME
	MI, Cass Co PPQNMI/	WI Green 19240e PHL 4 May	PPQNMI-TLB-82-3069 UWIEXT Biese, J J	SAME
	MI, Cass Co PPQNMI/	WI Iowa 14430e PHL 3 May	PPQNMI-TLB-82-3058 UWIEXT Draves, L	SAME
	MI, Cass Co PPQNMI/	WI Jefferson 14430e PHL 3 May	PPQNMI-TLB-82-3097 PPQNEV Bedford, J	SAME
	MI, Cass Co PPQNMI/	WI Jefferson 4810e PHL 1 May	PPQNMI-TLB-82-3112-1 UWIEXT Richards, R P	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Cass Co PPQNMI/	WI Manitowoc 14430e PHL 3 May	PPQNMI-TLB-82-3095 UWIEXT Hendrickson, S	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNMI/	WI Marathon 2160e PHL 3 Jun	PPQNMI-TLB-82-3309 UWIEXT Martin, L J	SAME
	MI, Cass Co PPQNMI/	WI Monroe 14430e PHL 3 May	PPQNMI-TLB-82-3064 UWIEXT Olson, D N	SAME
	MI, Berrien Co PPQNMI/	WI Outagamie 2160e PHL 3 Jun	PPQNMI-TLB-82-3316 UWIEXT Luckow, R	SAME
	MI, Berrien Co PPQNMI/	WI Pierce 2160e PHL 3 Jun	PPQNMI-TLB-82-3287 UWIEXT Drewiske, B	SAME
	MI, Berrien Co PPQNMI/	WI Polk 2160e PHL 3 Jun	PPQNMI-TLB-82-3293 UWIEXT Draxler, D Hayward, J T	SAME
	MI, Berrien Co PPQNMI/	WI Portage 2880e PHL 4 Jun	PPQNMI-TLB-82-3305 UWIEXT Ankley, D	SAME
	MI, Cass Co PPQNMI/	WI Rock 14430e PHL 3 May	PPQNMI-TLB-82-3061 UWIEXT Nehring, D P	SAME
	MI, Cass Co PPQNMI/	WI Sauk 14430e PHL 3 May	PPQNMI-TLB-82-3086 WICCSC Liegel, E	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Berrien Co PPQNMI/	WI Shawano 2160e PHL Jun	3	PPQNMI-TLB-82-3319 UWIEXT Blonde, M P	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/	WI Sheboygan 14430e PHL May	3	PPQNMI-TLB-82-3095-4 PPQNEV Hayward, J T	SAME
	MI, Berrien Co PPQNMI/	WI St Croix 2160e PHL Jun	2	PPQNMI-TLB-82-3284 PPQNEV Graeber, H P	SAME
	MI, Cass Co PPQNMI/	WI Trempealeau 4810e PHL May	1	PPQNMI-TLB-82-3052 UWIEXT Ausderau, E	SAME
	MI, Cass Co PPQNMI/	WI Trempealeau 9620e PHL May	2	PPQNMI-TLB-82-3081 UWIEXT Ausderau, E	SAME
	MI, Cass Co PPQNMI/	WI Washington 4810e PHL May	1	PPQNMI-TLB-82-3074 UWIEXT Trzebiatowski, J	SAME
	MI, Cass Co PPQNMI/	WI Washington 9620e PHL May	2	PPQNMI-TLB-82-3115 UWIEXT Trzebiatowski, J	SAME
	MI, Cass Co PPQNMI/	WI Waukesha 9620e PHL May	2	PPQNMI-TLB-82-3112 UWIEXT Richards, R P	SAME
	MI, Cass Co PPQNMI/	WI Waushara 9620e PHL May	2	PPQNMI-TLB-82-3089 UWIEXT Olson, M	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes anurus (Thomson) Hymenoptera Ichneumonidae	MI, Cass Co PPQNMI/	WI Waushara 4810e PHL 1 May	PPQNMI-TLB-82-3092 UWIEXT Olson, M	Hypera postica (Gyllenhal) alfalfa weevil
	KY, Oldham Co PPQ/	WV Roane 30000e PHL 3 May	PPQNMI-TLB-82-1296 PPQNEVII Tustin, A E	SAME
	KY, Oldham Co PPQ/	WV Upshur 30000e PHL 2 May	PPQNMI-TLB-82-1296 PPQNEVII Tustin, A E	SAME
Bathyplectes curculionis (Thomson) Hymenoptera Ichneumonidae	KY IN PPQ/	AR ? e PHL ? Apr to May NOTE: 079	PPQNMI-TLB-82-4020	SAME
	MI, Berrien Co MI, Cass Co PPQNMI/	IA ? e PHL ? May NOTE: 079	PPQNMI-TLB-82-4028	SAME
	KY IN PPQ/	IL ? e PHL ? May NOTE: 079	PPQNMI-TLB-82-4022	SAME
	KY IN MI PPQ/	IN ? e PHL ? May NOTE: 079	PPQNMI-TLB-82-4026	SAME
	KY IN PPQ/	KS ? e PHL ? May NOTE: 079	PPQNMI-TLB-82-4017	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes curculionis (Thomson) Hymenoptera Ichneumonidae	KY, Oldham Co PPQ/	KY ? e PHL ? Apr to May NOTE: 079	PPQNMI-TLB-82-4012	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/	MI ? e PHL ? May NOTE: 079	PPQNMI-TLB-82-4034	SAME
	KY IN PPQ/	MO ? e PHL ? May NOTE: 079	PPQNMI-TLB-82-4019	SAME
	KY IN PPQ/	NC ? e PHL ? Apr to May NOTE: 079	PPQNMI-TLB-82-4015	SAME
	MI, Berrien Co PPQNMI/	ND ? e PHL ? Jun NOTE: 079	PPQNMI-TLB-82-4035	SAME
	KY IN PPQ/	NE ? e PHL ? May NOTE: 079	PPQNMI-TLB-82-4027	SAME
	MI, Cass Co PPQNMI/	OH ? e PHL ? May NOTE: 079	PPQNMI-TLB-82-4032	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes curculionis (Thomson) Hymenoptera Ichneumonidae	KY IN PPQ/	OK ? e PHL ? Apr to May NOTE: 079	PPQNMI-TLB-82-4013	Hypera postica (Gyllenhal) alfalfa weevil
	KY IN PPQ/	SC ? e PHL ? Apr NOTE: 079	PPQNMI-TLB-82-4016	SAME
	MI, Berrien Co PPQNMI/	SD ? e PHL ? Jun NOTE: 079	PPQNMI-TLB-82-4036	SAME
	KY IN PPQ/	TN ? e PHL ? Apr to May NOTE: 079	PPQNMI-TLB-82-4010	SAME
	MI, Cass Co MI, Berrien Co PPQNMI/	WI ? e PHL ? May to Jun NOTE: 079	PPQNMI-TLB-82-4030	SAME
	KY PPQ/	WV ? e PHL ? May NOTE: 079	PPQNMI-TLB-82-4024	SAME
Bathyplectes stenostigma (Thomson) Hymenoptera Ichneumonidae	USA, CO CODA/	AR Washington 568e A 1 Apr	BIRL-82-0039 UAR Miner, F D	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bathyplectes stenostigma (Thomson) Hymenoptera Ichneumonidae	USA, CO CODA/	KS Montgomery 264e A 1 Apr	BIRL-82-0046 KSSBABC White, S C	Hypera postica (Gyllenhal) alfalfa weevil
	USA, CO CODA/	MO Schuyler 344 A 1 May	BIRL-82-0071 PPQSCIV Wallerich, J L	SAME
Biosteres sublaevis Wharton Hymenoptera Braconidae	USA, HI UCB	CA San Luis Obispo 153 A ? Sep	UCB-KSH-82-0055 UCB	Rhagoletis completa Cresson walnut husk fly
Brachymeria intermedia (Nees) Hymenoptera Chalcididae	Germany? ?	CO Las Animas 4300e A ? Sep	CODA-DMN-82-0004 CODA Nees, D M	Hemileuca oliviae Cockerell range caterpillar
	Spain,Morocco,India BIRL	CT New London 1000e A 1 Jul	NJDA-RJC-82-0007 CTAES Erny, R	Lymantria dispar (Linnaeus) gypsy moth
	Spain,Morocco,India BIRL	NJ Camden 29000e A,P 1 Jun to Jul	NJDA-RJC-82-0006 NJDA NJRU Bullock, R H Lashomb, J H	SAME
	Spain,Morocco,India BIRL	NJ Hunterdon 1000e A,P 1 Aug	NJDA-RJC-82-0010-1 NJDA Mina, P J	Hyphantria cunea (Drury) fall webworm

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Brachymeria intermedia (Nees) Hymenoptera Chalcididae	Spain,Morocco,India BIRL	NJ Warren 5747e A,P Aug	2	NJDA-RJC-82-0010 NJDA Mackenthun, D	Hyphantria cunea (Drury) fall webworm
	Spain,Morocco,India BIRL	VA Fairfax 6000e A,P Jul	?	NJDA-RJC-82-0008 VADF	Lymantria dispar (Linnaeus) gypsy moth
	Germany? CODA	WI Dane 1670e A Jul	2	UWI-HCC-82-0001 UWI Coppel, H C Mohamed, M	SAME other lepidopterous alternate hosts
Brachymeria lasus (Walker) Hymenoptera Chalcididae	Japan NJDA	CO Las Animas 7800e A Sep	?	CODA-DMN-82-0005 CODA Nees, D M	Hemileuca oliviae Cockerell range caterpillar
	Japan CODA NJDA	WI Dane 120e A Jul	1	UWI-HCC-82-0002 UWI Coppel, H C Mohamed, M	Lymantria dispar (Linnaeus) gypsy moth other lepidopterous alternate hosts
Bracon gelechiae Ashmead Hymenoptera Braconidae	Pakistan UCR CIBCPS/AIM	CA Butte 1000e A Aug	1	UCR-EFL-82-0009 UCR	Amyelois transitella (Walker) navel orangeworm

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Bracon gelechiae Ashmead Hymenoptera Braconidae	Pakistan UCR CIBCPS/AIM	CA Imperial 9800e A 2 Jul to Aug	UCR-EFL-82-0007 UCR	Pectinophora gossypiella (Saunders) pink bollworm
	Pakistan UCR CIBCPS/AIM	CA Riverside 11300e A 1 Aug to Sep NOTE: 083	UCR-EFL-82-0015 UCR	SAME
Cales noacki Howard Hymenoptera Aphelinidae	Chile UCR	CA Ventura 10000e A 1 Sep NOTE: 130	UCR-PD-82-0016 UCR Rose, M J	Aleurothrixus floccosus (Maskell) woolly whitefly
	Chile UCR	CA Ventura 800e A 1 Dec	UCR-PD-82-0022 UCR Rose, M J	SAME
	HI, Honolulu HDA/BRK	HI Honolulu 473 A 9 Jan	HDA-BRK-82-0004 HDA Kumashiro, B R	SAME
	HI, Honolulu HDA/BRK	HI Honolulu 9676 A ? Feb to Jun NOTE: 036	HDA-BRK-82-0011 HDA Kumashiro, B R	SAME
	HI, Honolulu HDA/BRK	HI Honolulu 695 A 3 Jul	HDA-BRK-82-0026 HDA Kumashiro, B R	SAME
	HI, Honolulu HDA/BRK	HI Honolulu 10 A 1 Aug	HDA-BRK-82-0031 HDA Kumashiro, B R	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Cales noacki Howard Hymenoptera Aphelinidae	HI, Honolulu HDA/BRK	HI Maui (Lanai I) 75 A 1 Jan	HDA-BRK-82-0005 HDAM Miyahira, N	Aleurothrixus floccosus (Maskell) woolly whitefly
	HI, Honolulu HDA/BRK	HI Maui (Lanai I) 200 A 1 Apr	HDA-BRK-82-0020 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 300 A 1 Jul	HDA-BRK-82-0027 UHIEXT Arakaki, A	SAME
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 25 A 1 Sep	HDA-BRK-82-0035 UHIEXT Arakaki, A	SAME
Calvia quatuordecimguttata (Linnaeus) Coleoptera Coccinellidae	Japan, Hokkaido BIRL APL/RWC, KI	WA Klickitat 624 A,L 1 May to Aug	YARL-REF-82-0004-2 YARL Fye, R E	Psylla pyricola Förster pear psylla
	Japan, Hokkaido BIRL APL/RWC, KI	WA Yakima 1091 L 1 May to Aug	YARL-REF-82-0004-1 YARL Fye, R E	SAME
Campoplex frustranae Cushman Hymenoptera Ichneumonidae	USA, GA UCR	CA Orange 150e A 1 Jun	UCR-RFL-82-0030 UCR	Rhyacionia frustrana (Comstock) Nantucket pine tip moth
	USA, GA UCR	CA Riverside 250e A 1 Jun	UCR-RFL-82-0031 UCR	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Campoplex n. sp. Hymenoptera Ichneumonidae	Mexico HDA	HI Hawaii 55e A Mar	1	HDAM-NM-82-0010 HDAH Yoshioka, E R	Keiferia lycopersicella (Walsingham) tomato pinworm
	Mexico HDA	HI Maui 1853 A Jan	2	HDAM-NM-82-0001 HDAM Miyahira, N	SAME
	Mexico HDA	HI Maui 982 A Feb	2	HDAM-NM-82-0004 HDAM Miyahira, N	SAME
	Mexico HDA	HI Maui 1028 A Mar	1	HDAM-NM-82-0009 HDAM Miyahira, N	SAME
	Mexico HDA	HI Maui 1551 A Apr	3	HDAM-NM-82-0014 HDAM Miyahira, N	SAME
	Mexico HDA	HI Maui 1706 A May	2	HDAM-NM-82-0017 HDAM Miyahira, N	SAME
	Mexico HDA	HI Maui 2832 A Jun to Jul	3	HDAM-NM-82-0020 HDAM Miyahira, N	SAME
	Mexico HDA	HI Maui 1120 A Aug	2	HDAM-NM-82-0025 HDAM Miyahira, N	SAME
	Mexico HDA	HI Maui 4355 A Sep to Nov	1	HDAM-NM-82-0029 HDAM Miyahira, N	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Campoplex n. sp. Hymenoptera Ichneumonidae	Mexico HDA	HI Maui 1177 A 2 Dec	HDAM-NM-82-0035 HDAM Miyahira, N	Keiferia lycopersicella (Walsingham) tomato pinworm
	Mexico HDA	HI Maui (Molokai I) 130e A 1 Feb	HDAM-NM-82-0005 UHIEXT Arakaki, A	SAME
Cerchysiella utilis (Noyes) Hymenoptera Encyrtidae	Kenya HDA HDA/KTM	HI Maui 4550 A 2 Jan to Feb	HDAM-NM-82-0003 HDAM Miyahira, N	Carpophilus humeralis (Fabricius) pineapple souring beetle Carpophilus hemipterus (Linnaeus) driedfruit beetle
	Kenya HDA HDA/KTM	HI Maui 18175 A 3 Mar to Apr	HDAM-NM-82-0013 HDAM Miyahira, N	Carpophilus humeralis (Fabricius) pineapple souring beetle Carpophilus hemipterus (Linnaeus) driedfruit beetle
	Kenya HDA HDA/KTM	HI Maui 8180 A 4 May	HDAM-NM-82-0019 HDAM Miyahira, N	Carpophilus humeralis (Fabricius) pineapple souring beetle Carpophilus hemipterus (Linnaeus) driedfruit beetle

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Cerchysiella utilis (Noyes) Hymenoptera Encyrtidae	Kenya HDA HDA/KTM	HI Maui 6059 A 2 Jun	HDAM-NM-82-0022 HDAM Miyahira, N	Carpophilus humeralis (Fabricius) pineapple souring beetle Carpophilus hemipterus (Linnaeus) driedfruit beetle
	Kenya HDA HDA/KTM	HI Maui 3380 A 4 Jul	HDAM-NM-82-0024 HDAM Miyahira, N	SAME Carpophilus humeralis (Fabricius) pineapple souring beetle
	Kenya HDA HDA/KTM	HI Maui 1720 A 2 Aug	HDAM-NM-82-0028 HDAM Miyahira, N	SAME Carpophilus hemipterus (Linnaeus) driedfruit beetle
	Kenya HDA HDA/KTM	HI Maui 1567 A 2 Oct	HDAM-NM-82-0033 HDAM Miyahira, N	Carpophilus humeralis (Fabricius) pineapple souring beetle Carpophilus hemipterus (Linnaeus) driedfruit beetle
	Kenya HDA HDA/KTM HDA/RAH	HI Maui 9082 A 4 Nov	HDAM-NM-82-0034 HDAM Miyahira, N	Carpophilus humeralis (Fabricius) pineapple souring beetle Carpophilus hemipterus (Linnaeus) driedfruit beetle

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Cerchysiella utilis (Noyes) Hymenoptera Encyrtidae	Kenya HDA HDA/KTM HDA/RAH	HI Maui 9500 A 5 Dec	HDAM-NM-82-0038 HDAM Miyahira, N	Carpophilus humeralis (Fabricius) pineapple souring beetle Carpophilus hemipterus (Linnaeus) driedfruit beetle
	Kenya HDA HDA/KTM	HI Maui (Lanai I) 500 A 1 Feb	HDAM-NM-82-0008 HDAM Miyahira, N	SAME Carpophilus humeralis (Fabricius) pineapple souring beetle
Chrysocharis liriomyzae Delucchi Hymenoptera Eulophidae	PA, Chester BIRL/FCE, VLM	OH Wayne 52 A 1 Jul	BIRL-RMH-82-0132 OARDC Flessel, J K	Agromyza frontella (Rondani) alfalfa blotch leafminer
	NJ, Burlington BIRL/FCE	OH Wayne 117 A 1 Jul	BIRL-RMH-82-0147 OARDC Flessel, J K	SAME
	PA, Chester BIRL/FCE	VA Botetourt 53e A 1 Jun	BIRL-RMH-82-0099 PPQRVA Clement, G L	SAME
	PA, Chester BIRL/FCE, VLM	WV Greenbrier 6 A 1 Jul	BIRL-RMH-82-0144 WVDAU Bostic, E	SAME
Chrysocharis parksi Crawford Hymenoptera Eulophidae	USA CA HDA HDA/RMB	HI Hawaii 300e A 3 Jun	HDA-KTM-82-0036 HDAH Yoshioka, E R	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Chrysocharis parksi Crawford Hymenoptera Eulophidae	USA CA HDA HDA/RMB	HI Honolulu 300 A 1 Jan	HDA-KTM-82-0002 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Honolulu 1000 A 1 Feb	HDA-KTM-82-0007 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Honolulu 1205 A 2 Mar	HDA-KTM-82-0013 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Honolulu 1665 A 2 Apr	HDA-KTM-82-0017 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Chrysocharis parksi Crawford Hymenoptera Eulophidae	USA CA HDA HDA/RMB	HI Honolulu 1305 A 2 May	HDA-KTM-82-0024 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Honolulu 380 A 1 Jul	HDA-KTM-82-0046 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Honolulu 1650 A 2 Aug	HDA-KTM-82-0055 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Honolulu 680 A 1 Sep	HDA-KTM-82-0066 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Chrysocharis parksi Crawford Hymenoptera Eulophidae	USA CA HDA HDA/RMB	HI Honolulu 530 A 1 Dec	HDA-KTM-82-0088 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 4950e A 2 May to Jun	HDA-KTM-82-0025 HDA Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 3490e A 2 Jul	HDA-KTM-82-0047 HDAM Miyahira, N	SAME Liriomyza sativae Blanchard vegetable leafminer
	USA CA HDA HDA/RMB	HI Maui 1550e A 2 Aug	HDA-KTM-82-0056 HDAM Miyahira, N	SAME Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 1780e A 2 Nov	HDA-KTM-82-0080 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Chrysocharis parksi Crawford Hymenoptera Eulophidae	USA CA HDA HDA/RMB	HI Maui 2000e A 1 Dec	HDA-KTM-82-0089 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui (Molokai I) 700e A ? May NOTE: 036	HDA-KTM-82-0026 UHIEXT Arakaki, A	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
Chrysocharis sp. nr. giraulti Yoshimoto Hymenoptera Eulophidae	Trinidad HDA	HI Hawaii 1550e A 3 Jun	HDA-KTM-82-0035 HDAH Yoshioka, E R	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	Trinidad HDA	HI Hawaii 250e A 1 Nov	HDA-KTM-82-0079 HDAH Yoshioka, E R	SAME Liriomyza sativae Blanchard vegetable leafminer
	Trinidad HDA	HI Honolulu 2790 A 2 Jan	HDA-KTM-82-0001 HDA Murai, K T	Liriomyza trifolii (Burgess) leafminer Liriomyza sativae Blanchard vegetable leafminer

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Chrysocharis sp. nr. giraulti Yoshimoto Hymenoptera Eulophidae	Trinidad HDA	HI Honolulu 6740 A 1 Feb	HDA-KTM-82-0006 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	Trinidad HDA	HI Honolulu 4995 A 2 Mar	HDA-KTM-82-0011 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	Trinidad HDA	HI Honolulu 3750 A 2 Apr	HDA-KTM-82-0016 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	Trinidad HDA	HI Honolulu 850 A 2 May	HDA-KTM-82-0021 HDA Murai, K T	SAME Liriomyza sativae Blanchard vegetable leafminer
	Trinidad HDA	HI Honolulu 500 A 1 Aug	HDA-KTM-82-0053 HDA Murai, K T	SAME Liriomyza trifolii (Burgess) leafminer

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Chrysocharis sp. nr. giraulti Yoshimoto Hymenoptera Eulophidae	Trinidad HDA	HI Maui 2900e A May	2	HDA-KTM-82-0022 HDAM Miyahira, N	Liriomyza trifolii (Burgess) leafminer Liriomyza sativae Blanchard vegetable leafminer
	Trinidad HDA	HI Maui 4650e A Jun	2	HDA-KTM-82-0034 HDAM Miyahira, N	SAME Liriomyza trifolii (Burgess) leafminer
	Trinidad HDA	HI Maui 3100e A Jul	3	HDA-KTM-82-0045 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	Trinidad HDA	HI Maui 675e A Aug	1	HDA-KTM-82-0054 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	Trinidad HDA	HI Maui 2400e A Sep	1	HDA-KTM-82-0065 HDAM Miyahira, N	SAME Liriomyza sativae Blanchard vegetable leafminer

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Chrysocharis sp. nr. giraulti Yoshimoto Hymenoptera Eulophidae	Trinidad HDA	HI Maui 1450e A 1 Oct	HDA-KTM-82-0072 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	Trinidad HDA	HI Maui 1350e A 1 Nov	HDA-KTM-82-0078 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	Trinidad HDA	HI Maui 1000e A 1 Dec	HDA-KTM-82-0087 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	Trinidad HDA	HI Maui (Molokai I) 875e A ? Mar NOTE: 036	HDA-KTM-82-0012 UHIEXT Arakaki, A	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Chrysocharis sp. nr. giraulti Yoshimoto Hymenoptera Eulophidae	Trinidad HDA	HI Maui (Molokai I) 1400e A ? May NOTE: 036	HDA-KTM-82-0023 UHIEXT Arakaki, A	Liriomyza trifolii (Burgess) leafminer Liriomyza sativae Blanchard vegetable leafminer
Chrysonotomyia formosa (Westwood) Hymenoptera Eulophidae	Germany, West CIBCES/KPC	NC Avery 3 A 1 May	BIRL-82-0069 FSANC FSRTPNC Huber, C M Drooz, A T	Diprion similis (Hartig) introduced pine sawfly
Chrysonotomyia punctiventris (Crawford) Hymenoptera Eulophidae	USA CA HDA HDA/RMB	HI Honolulu 100 A 1 Dec	HDA-KTM-82-0090 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 250e A 1 Aug	HDA-KTM-82-0057 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 800e A 1 Sep	HDA-KTM-82-0067 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Chrysonotomyia punctiventris (Crawford) Hymenoptera Eulophidae	USA CA HDA HDA/RMB	HI Maui 150e A 1 Dec	HDA-KTM-82-0091 HDAM Miyahira, N	Liriomyza trifolii (Burgess) leafminer Liriomyza sativae Blanchard vegetable leafminer
Chrysonotomyia ruforum (Krausse) Hymenoptera Eulophidae	Germany, West CIBCES/KPC	NC Avery 71 A 1 May	BIRL-82-0067 FSANC FSRTPNC Huber, C M Drooz, A T	Diprion similis (Hartig) introduced pine sawfly
	Germany, West CIBCES/KPC	NC Avery 103e A 1 May	BIRL-82-0079 FSANC FSRTPNC Huber, C M Drooz, A T	SAME
	Germany, West CIBCES/KPC	NC Avery 113 A 1 May	BIRL-82-0089 FSANC FSRTPNC Huber, C M Drooz, A T	SAME
	Germany, West CIBCES/KPC	NC Avery 126 A 1 Jun	BIRL-82-0094 FSANC Wilson, R	SAME
	Germany, West CIBCES/KPC	NC Avery 36 A 1 Jun	BIRL-82-0101 FSANC Huber, C M	SAME
	Germany, West CIBCES/KPC	NC Avery 80 A 1 Jun	BIRL-82-0119 FSANC Huber, C M	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Coccipolipus epilachnae Smiley Acariformes Podapolipidae	Guatemala BIRL	MD Anne Arundel 125 PHA 1 Oct NOTE: 094	BIIL-RFWS-82-0051 BIIL Schroder, R F W	Epilachna varivestis Mulsant Mexican bean beetle
	Guatemala BIRL	MD Howard 125 PHA 1 Oct NOTE: 094	BIIL-RFWS-82-0052 BIIL Schroder, R F W	SAME
	Guatemala BIRL	MD Prince Georges 225 PHA 1 Oct NOTE: 094	BIIL-RFWS-82-0053 BIIL Schroder, R F W	SAME
	Guatemala BIRL	MD Prince Georges 50 PHA 1 Oct NOTE: 094	BIIL-RFWS-82-0054 BIIL Schroder, R F W	SAME
Coccophagus rusti Compere Hymenoptera Aphelinidae	South Africa UCB SFPPRIS/ ? (culture)	CA Fresno 50e A 1 Jul	UCB-LEC-82-0007 UCB	Saissetia oleae (Olivier) black scale
	South Africa UCB SFPPRIS/ ? (culture)	CA Madera 150e A 1 Apr	UCB-LEC-82-0003 UCB	SAME
	South Africa UCB SFPPRIS/ ? (culture)	CA Tehama 135e A 1 Oct to Nov	UCB-LEC-82-0021 UCB	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Coccygomimus disparis (Viereck) Hymenoptera Ichneumonidae	Japan NJDA	CO Las Animas 9800e A ? Jun	CODA-DMN-82-0003 CODA Nees, D M	Hemileuca oliviae Cockerell range caterpillar
Comperia merceti (Compere) Hymenoptera Encyrtidae	USA, HI UCB	CA Alameda 8019 A 1 Feb to Jun	UCB-LEC-82-0001 UCBE Slater, A	Supella longipalpa (Fabricius) brownbanded cockroach
	USA, HI UCB	CA Alameda 5720e A 1 Jul to Dec	UCB-LEC-82-0005 UCBE Slater, A	SAME
Comperiella bifasciata Howard Hymenoptera Encyrtidae	CA, Tulare UCR/	CA Imperial 100e A 1 Sep	UCR-RFL-82-0036 UCR	Aonidiella aurantii (Maskell) California red scale
Comperiella sp. Hymenoptera Encyrtidae	CA, Tulare Co UCR/	CA Imperial 120e A 1 Apr to May NOTE: 131	UCR-RFL-82-0015 UCR	SAME
Compsilura concinnata (Meigen) Diptera Tachinidae	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Accomack 300e A ? Apr to Jun NOTE: 137	VADACS-JRT-82-0001-1 VADACSVB	potential alternate lepidopterous hosts See Note 137
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Accomack 950e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0007-1 VADACSVB	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Compsilura concinnata (Meigen) Diptera Tachinidae	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Alexandria 3529e A ? Jul to Sep	VADACS-JRT-82-0008-1 VADACSW Morris, B	Lymantria dispar (Linnaeus) gypsy moth
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Arlington 371e A ? Jul to Sep	VADACS-JRT-82-0008-2 VADACSW Morris, B	SAME
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Chesapeake 1750e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0007-2 VADACSVB	potential alternate lepidopterous hosts See Note 137
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Chesterfield 374e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0009-1 VADACS	SAME
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Clarke 1686e A ? Jul to Sep	VADACS-JRT-82-0008-3 VADACSW Morris, B	Lymantria dispar (Linnaeus) gypsy moth
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Fairfax 6809e A ? Apr to Jun	VADACS-JRT-82-0002-1 VADACSW Morris, B	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Compsilura concinnata (Meigen) Diptera Tachinidae	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Fairfax 4424e A ? Jul to Sep	VADACS-JRT-82-0008-4 VADACSW Morris, B	Lymantria dispar (Linnaeus) gypsy moth
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Fauquier 200e A ? Apr to Jun	VADACS-JRT-82-0002-2 VADACSW Morris, B	SAME
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Hampton 200e A ? Apr to Jun NOTE: 137	VADACS-JRT-82-0001-2 VADACSVB	potential alternate lepidopterous hosts See Note 137
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Hanover 367e A ? Apr to Jun NOTE: 137	VADACS-JRT-82-0003-1 VADACS	SAME
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Hanover 2320e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0009-2 VADACS	SAME
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Loudoun 200e A ? Jul to Sep	VADACS-JRT-82-0008-5 VADACSW Morris, B	Lymantria dispar (Linnaeus) gypsy moth

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Compsilura concinnata (Meigen) Diptera Tachinidae	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Lunenburg 1020e A ? Apr to Jun NOTE: 137	VADACS-JRT-82-0003-2 VADACS	potential alternate lepidopterous hosts See Note 137
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Norfolk 400e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0007-3 VADACSVB	SAME
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Prince William 738e A ? Jul to Sep	VADACS-JRT-82-0008-6 VADACSW Morris, B	Lymantria dispar (Linnaeus) gypsy moth
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Virginia Beach 1600e A ? Apr to Jun NOTE: 137	VADACS-JRT-82-0001-3 VADACSVB	potential alternate lepidopterous hosts See Note 137
	USA-PA,NJ NJDA PABF VADF NJDA PABF	VA Virginia Beach 1700e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0007-4 VADACSVB	SAME
Coptera occidentalis Muesebeck Hymenoptera Diapriidae	USA, NM UCB	CA San Luis Obispo 513 A ? Sep	UCB-KSH-82-0056 UCB	Rhagoletis completa Cresson walnut husk fly

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Corsoncus magus (Cresson) Hymenoptera Ichneumonidae	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 10 A 1 Jul	SRQF-82-0118 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 10 A 1 Jul	SRQF-82-0124 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 15 A 1 Jul	SRQF-82-0129 UFH Waddill, V H	SAME
Cotesia flavipes (Cameron) Hymenoptera Braconidae	Pakistan TAMU CIBCPS/MSM	TX Cameron ? e A ? Feb to Nov NOTE: 123	PPQSBTX-JNW-82-0001-2 TXRGVSGA	Eoreuma loftini (Dyar) Mexican rice borer
	Pakistan TAMU CIBCPS/MSM	TX Hidalgo ? e A ? Feb to Nov NOTE: 123	PPQSBTX-JNW-82-0001-1 TXRGVSGA	SAME
	Pakistan TAMU CIBCPS/MSM	TX Starr ? e A ? Feb to Nov NOTE: 123	PPQSBTX-JNW-82-0001-4 TXRGVSGA	SAME
	Pakistan TAMU CIBCPS/MSM	TX Willacy ? e A ? Feb to Nov NOTE: 123	PPQSBTX-JNW-82-0001-3 TXRGVSGA	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Cotesia melanoscelus (Ratzeburg) Hymenoptera Braconidae	USSR, Ukraine SSR BIRL FSHCT FSHCT/WEW PABFB/MT	PA Delaware 27544 A 1 May	PABF-RAF-82-0002 PABF Fusco, R A	Lymantria dispar (Linnaeus) gypsy moth
Cotesia plutellae (Kurdjumov) Hymenoptera Braconidae	Trinidad HDAM HDA	HI Hawaii 430 A 1 Jan	HDAH-ERY-82-0001 HDAH Yoshioka, E R	Plutella xylostella (Linnaeus) diamondback moth
	Trinidad HDAM HDA	HI Hawaii 85 A 1 Feb	HDAH-ERY-82-0002 HDAH Yoshioka, E R	SAME
	Trinidad HDAM HDA	HI Hawaii 45e A 1 Mar	HDAH-ERY-82-0003 HDAH Yoshioka, E R	SAME
	Trinidad HDA	HI Hawaii 450e A 1 Mar	HDAM-NM-82-0012 HDAH Yoshioka, E R	SAME
	Trinidad HDAM HDA	HI Hawaii 285 A 1 Apr	HDAH-ERY-82-0005 HDAH Yoshioka, E R	SAME
	Trinidad HDAM HDA	HI Hawaii 2369 A 2 May	HDAH-ERY-82-0006 HDAH Yoshioka, E R	SAME
	Trinidad HDAM HDA	HI Hawaii 485 A 1 Jun	HDAH-ERY-82-0009 HDAH Yoshioka, E R	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Cotesia plutellae (Kurdjumov) Hymenoptera Braconidae	Trinidad HDA	HI Honolulu 375e A Aug	1	HDAM-NM-82-0027 HDA Kumashiro, B R	Plutella xylostella (Linnaeus) diamondback moth
	Trinidad HDA	HI Honolulu 3984 A Sep to Nov	1	HDAM-NM-82-0030 HDA Kumashiro, B R	SAME
	Trinidad HDA	HI Honolulu 3707e A Dec	1	HDAM-NM-82-0036 HDA Kumashiro, B R	SAME
	Trinidad HDAM HDA	HI Kauai 1925e A Jun NOTE: 036	?	HDAH-ERY-82-0008 HDAK Sugawa, D T	SAME
	Trinidad HDA	HI Maui 2755 A Jan	3	HDAM-NM-82-0002 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui 3015 A Feb	2	HDAM-NM-82-0007 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui 4725 A Mar	3	HDAM-NM-82-0011 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui 11345 A Apr	3	HDAM-NM-82-0015 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui 12545 A May	5	HDAM-NM-82-0018 HDAM Miyahira, N	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Cotesia plutellae (Kurdjumov) Hymenoptera Braconidae	Trinidad HDA	HI Maui 10315 A 2 Jun	HDAM-NM-82-0021 HDAM Miyahira, N	Plutella xylostella (Linnaeus) diamondback moth
	Trinidad HDA	HI Maui 6420 A 3 Jul	HDAM-NM-82-0023 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui 3440 A 2 Aug	HDAM-NM-82-0026 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui 645 A 1 Sep	HDAM-NM-82-0031 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui 4003 A 2 Oct to Nov	HDAM-NM-82-0032 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui 4328 A 1 Dec	HDAM-NM-82-0037 HDAM Miyahira, N	SAME
Cotesia ruficrus (Haliday) Hymenoptera Braconidae	Australia SCCUE SCCU SCCU/BMS CSIROSL/RJL	LA Bossier 100e A 1 Aug	LSU-DJB-82-0003 LSU Boethel, D J	Pseudoplusia includens (Walker) soybean looper
	Australia SCCUE SCCU SCCU/BMS CSIROSL/RJL	LA East Baton Rouge 250e A 1 Aug	LSU-DJB-82-0004 LSU Boethel, D J	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Cotesia ruficrus (Haliday) Hymenoptera Braconidae	Australia SCCUE SCCU SCCU/BMS CSIROSL/RJL	LA East Baton Rouge 1000e A 1 Sep	LSU-DJB-82-0005 LSU Boethel, D J	Pseudoplusia includens (Walker) soybean looper
	Australia SCCUE SCCU SCCU/BMS CSIROSL/RJL	LA East Baton Rouge 700e A 1 Nov	LSU-DJB-82-0007 LSU Boethel, D J	SAME
	Australia SCCUE SCCU SCCU/BMS CSIROSL/RJL	LA St Landry 400e A 1 Jul	LSU-DJB-82-0001 LSU Boethel, D J	SAME
	Australia SCCUE SCCU SCCU/BMS CSIROSL/RJL	LA St Landry 1200e A 1 Aug	LSU-DJB-82-0002 LSU Boethel, D J	SAME
Cyzenis albicans (Fallén) Diptera Tachinidae	Canada CFSTNS/DBM	OR Clackamas 160 A 1 Mar	BIRL-82-0032 ORDA Kimberling, D	Operophtera brumata (Linnaeus) winter moth
	Canada CFSTNS/DBM	OR Clackamas 654 A 3 Apr	BIRL-82-0037 ORDA West, M	SAME
	Canada CFSTNS/DBM	OR Clackamas 144 A 1 Apr	BIRL-82-0040-3 ORDA West, M	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Cyzenis albicans (Fallén) Diptera Tachinidae	Canada CFSTNS/DBM	OR Clackamas 448 A 2 Apr	BIRL-82-0044 ORDA West, M	Operophtera brumata (Linnaeus) winter moth
	Canada CFSTNS/DBM	OR Clackamas 788 A 4 Apr	BIRL-82-0048 ORDA Kimberling, D	SAME
	Canada CFSTNS/DBM	OR Marion 200 A 1 Apr	BIRL-82-0048-4 ORDA Penrose, R L	SAME
	Canada CFSTNS/DBM	OR Marion ? A 1 Apr	BIRL-82-0050 ORDA Penrose, R L	SAME
	Canada CFSTNS/DBM	OR Washington 184 A 1 Apr	BIRL-82-0034 ORDA Penrose, R L	SAME
	Canada CFSTNS/DBM	OR Washington 258 A 2 Apr	BIRL-82-0040 ORDA Penrose, R L	SAME
	Canada CFSTNS/DBM	OR Washington 228 A 1 Apr	BIRL-82-0044-3 ORDA Penrose, R L	SAME
	Canada CFSTNS/DBM	OR Washington 329 A 2 Apr	BIRL-82-0048 ORDA West, M Penrose, R L	SAME
Dacnusa dryas (Nixon) Hymenoptera Braconidae	PA, Chester BIRL/FCE, VLM	MD Baltimore 237e A 1 Jul	BIRL-RMH-82-0135 MDDA Hollins, M	Agromyza frontella (Rondani) alfalfa blotch leafminer

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Dacnusa dryas (Nixon) Hymenoptera Braconidae	NY, Tompkins BIRL/FCE	MD Carroll 378e A Jul	1	BIRL-RMH-82-0111 MDDA Malan, S C	Agromyza frontella (Rondani) alfalfa blotch leafminer
	NY, Tompkins BIRL/FCE	OH Wayne 323 A Jun	2	BIRL-RMH-82-0109 OARDC Flessel, J K	SAME
	PA, Chester BIRL/FCE, VLM	OH Wayne 183 A Jul	1	BIRL-RMH-82-0133 OARDC Flessel, J K	SAME
	PA, Chester BIRL/FCE, VLM	OH Wayne 186 A Jul	1	BIRL-RMH-82-0142 OARDC Flessel, J K	SAME
	PA, Chester BIRL/FCE	VA Botetourt 45e A Jun	1	BIRL-RMH-82-0098 PPQRVA Clement, G L	SAME
	PA, Chester BIRL/FCE, VLM	WV Greenbrier 254 A Jul	2	BIRL-RMH-82-0134 WVDAU Bostic, E	SAME
	PA, Chester BIRL/FCE, VLM	WV Greenbrier 128 A Jul	1	BIRL-RMH-82-0143 WVDAU Bostic, E	SAME
Dendrosoter protuberans (Nees) Hymenoptera Braconidae	Europe FSDOH	CO Delta 18000e A Jul	4	CODA-KEM-82-0005 CODA Mowrer, K E	Scolytus multistriatus (Marsham) smaller Europ. elm bark beetle

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Dendrosoter protuberans (Nees) Hymenoptera Braconidae	Europe FSDOH	CO Douglas 2500e A 1 Jun	CODA-KEM-82-0005-2 CODA Mowrer, K E	Scolytus multistriatus (Marsham) smaller Europ. elm bark beetle
	Europe FSDOH	CO El Paso 5000e A 1 Jun	CODA-KEM-82-0005-1 CODA Mowrer, K E	SAME
	Europe FSDOH	CO Garfield 7000e A 2 Aug	CODA-KEM-82-0005-4 CODA Mowrer, K E	SAME
	Europe FSDOH	CO Mesa 17000e A 7 Aug	CODA-KEM-82-0005 CODA Mowrer, K E	SAME
Diachasmimorpha tryoni (Cameron) Hymenoptera Braconidae	USA-HI TFVRL/TTYW	FL Dade 200e A 1 Oct	UFH-82-0002 UFH Glenn, H B	Anastrepha suspensa (Loew) Caribbean fruit fly
Diadegma laricinellum (Strobl) Hymenoptera Ichneumonidae	Poland BIRL	WA Garfield 3610e PHL 1 Oct	FSCOR-RBR-82-0001 FSCOR Ryan, R B	Coleophora laricella (Hübner) larch casebearer
Diaparsis temporalis Horstmann Hymenoptera Ichneumonidae	MI, Berrien Co PPQNMI/RB	NC Person 29 A 1 May	PPQNMI-TLB-82-0043 NCDA Galloway, R H	Oulema melanopus (Linnaeus) cereal leaf beetle

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Diaparsis temporalis Horstmann Hymenoptera Ichneumonidae	MI, Berrien PPQNMI/RB	NC Person 5 A 1 May	PPQNMI-TLB-82-0046 NCDA Galloway, R H	Oulema melanopus (Linnaeus) cereal leaf beetle
Edovum puttleri Grissell Hymenoptera Eulophidae	Colombia BCIRL	DE New Castle 800e A,PHE 1 Jun	BCIRL-BP-82-0004-1 BIRL Tropp, J M Carr, M Y	Leptinotarsa decemlineata (Say) Colorado potato beetle
	Colombia BCIRL	DE New Castle 50 PHE 1 Jun	BIIL-RFWS-82-0033-1 BIRL Tropp, J M Carr, M Y	SAME
	Colombia BCIRL	MD Carroll 500e A 1 May	BIIL-RFWS-82-0014 BIIL Schroder, R F W	SAME
	Colombia BCIRL	MD Cecil 800e A,PHE 1 Jun	BCIRL-BP-82-0004-2 BIRL Tropp, J M Carr, M Y	SAME
	Colombia BCIRL	MD Cecil 50 PHE 1 Jun	BIIL-RFWS-82-0033-2 BIRL Tropp, J M Carr, M Y	SAME
	Colombia BCIRL	MD Prince Georges 14000e A 1 May	BIIL-RFWS-82-0008 BIIL Schroder, R F W Athanas, M M	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Edovum puttleri Grissell Hymenoptera Eulophidae	Colombia BCIRL	MD Prince Georges 7000e A 1 May	BIIL-RFWS-82-0010 BIIL Athanas, M M Schroder, R F W	Leptinotarsa decemlineata (Say) Colorado potato beetle
	Colombia BCIRL	MD Prince Georges 9500e A 1 Jun	BIIL-RFWS-82-0036 BIIL Schroder, R F W Sidor, A M	SAME
	Colombia BCIRL	MO Boone 2000e A 1 May	BCIRL-BP-82-0006 BCIRL Puttler, B Long, S H	SAME
	Colombia BCIRL	MO Boone 2150e A 1 May	BCIRL-BP-82-0007 BCIRL Puttler, B Long, S H	SAME
	Colombia BCIRL	MO Lawrence 2600e A 1 May to Jun	BCIRL-BP-82-0008 BCIRL Puttler, B Long, S H	SAME
	Colombia BCIRL	MO St Charles 2500e A 1 May	BCIRL-BP-82-0005 BCIRL Biever, K D	SAME
	Colombia BCIRL	NJ Middlesex 21487e A,PHE 1 Jun to Jul	NJDA-DJP-82-0004-1 NJDA NJRU Huffman, R Lashomb, J H	SAME
	Colombia BCIRL	NJ Monmouth 26462 A,PHL 1 Jun to Jul	NJDA-DJP-82-0004-2 NJDA NJRU Huffman, R Lashomb, J H	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Edovum puttleri Grissell Hymenoptera Eulophidae	Colombia BCIRL	NJ Morris 2124e A,PHE 1 Jun to Jul	NJDA-DJP-82-0004-3 NJDA NJRU Huffman, R Lashomb, J H	Leptinotarsa decemlineata (Say) Colorado potato beetle
	Colombia BCIRL	PA Chester 800e A,PHE 1 Jun	BCIRL-BP-82-0004-3 BIRL Tropp, J M Carr, M Y	SAME
	Colombia BCIRL	PA Chester 50 PHE 1 Jun	BIIL-RFWS-82-0033-3 BIRL Tropp, J M Carr, M Y	SAME
	Colombia BCIRL	VA Accomack 27000e A 1 May	BIIL-RFWS-82-0007 BIIL VATORSP Schroder, R F W Sherrod, D W *	SAME
	Colombia BCIRL	VA Accomack 20500e A 1 Jun	BIIL-RFWS-82-0035 BIIL VATORSP Athanas, M M Sherrod, D W	SAME
	Colombia BCIRL	WV Jefferson 1000e A 1 Jul	BIIL-RFWS-82-0040 BIIL WVTR Schroder, R F W Coiner, C	SAME
Encarsia ?haitiensis Dozier Hymenoptera Aphelinidae	USA-HI HDA/	FL Broward 10 A 1 Aug	FBCL-82-0017 UFG UFFL Sailer, R I Thompson, C R	Aleurodicus dispersus Russell spiraling whitefly

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia ?haitiensis Dozier Hymenoptera Aphelinidae	HI, Honolulu HDA/KKT	HI Hawaii 300 A 1 Apr	HDA-KKT-82-0003 HDAH Yoshioka, E R	Aleurodicus dispersus Russell spiraling whitefly
	HI, Hawaii HDA/ERY	HI Hawaii ? e A 1 Nov	HDAH-ERY-82-0019 HDAH Yoshioka, E R	SAME
	HI, Honolulu HDA/KKT	HI Honolulu 300 A 1 Jan	HDA-KKT-82-0001 HDA Teramoto, K K	SAME
	HI, Honolulu HDA/KKT	HI Maui 85 A 1 Oct	HDA-KKT-82-0005 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/KKT	HI Maui (Molokai I) 630 A ? Mar to May NOTE: 036	HDA-KKT-82-0002 UHIEXT Arakaki, A	SAME
	HI, Honolulu HDA/KKT	HI Maui (Molokai I) 200 A 3 Sep	HDA-KKT-82-0004 UHIEXT Arakaki, A	SAME
	HI, Honolulu HDA/KKT	HI Maui (Molokai I) 80 A 1 Oct	HDA-KKT-82-0006 UHIEXT Arakaki, A	SAME
	HI, Honolulu HDA/KKT	HI Maui (Molokai I) 20 A 1 Nov	HDA-KKT-82-0007 UHIEXT Arakaki, A	SAME
Encarsia formosa Gahan Hymenoptera Aphelinidae	DE, New Castle BIRL BIRL/SEB	TX Bell 1268e PHN 1 Mar NOTE: 015	BIRL-RMH-82-0031 GSWRL Boldt, P E	Trialeurodes vaporariorum (Westwood) greenhouse whitefly

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	AL Autauga ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0022-1 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	AL Baldwin ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0022-2 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Barbour ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0022-3 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Bibb ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0022-4 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Bullock ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0022-5 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Butler ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0022-6 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Chambers ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0022-7 PPQSEIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	AL Chilton ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0022-8 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	AL Choctaw ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0022-9 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Clarke ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0023-1 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Clay ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0023-2 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Coffee ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0023-3 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Conecuh ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0023-4 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Coosa ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0023-5 PPQSEIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	AL Covington ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0023-6 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	AL Crenshaw ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0023-7 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Dale ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0023-8 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Dallas ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0023-9 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Elmore ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0024-1 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Escambia ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0024-2 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Greene ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0024-3 PPQSEIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	AL Hale ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0024-4 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	AL Henry ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0024-5 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Houston ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0024-6 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Jefferson ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0024-7 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Lee ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0024-8 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Lowndes ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0024-9 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Macon ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0025-1 PPQSEIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	AL Marengo ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0025-2 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	AL Mobile ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0025-3 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Monroe ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0025-4 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Montgomery ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0025-5 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Perry ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0025-6 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Pickens ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0025-7 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Pike ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0025-8 PPQSEIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	AL Randolph ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0025-9 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	AL Russell ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0026-1 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Shelby ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0026-2 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Sumter ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0026-3 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Talladega ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0026-4 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Tallapoosa ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0026-5 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AL Tuscaloosa ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0026-6 PPQSEIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	AL Washington ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0026-7 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	AL Wilcox ? e PHN ? Jul NOTE: 072, 118	PPQMTX-LEW-82-0026-8 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Arkansas ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0042-1 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Ashley ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0042-2 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Bradley ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0042-3 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Calhoun ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0042-4 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Chicot ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0042-5 PPQSCIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	AR Clark ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0042-6 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	AR Cleveland ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0042-7 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Columbia ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0042-8 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Dallas ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0042-9 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Desha ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0043-1 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Drew ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0043-2 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Grant ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0043-3 PPQSCIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	AR Hempstead ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0043-4 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	AR Howard ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0043-5 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Jefferson ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0043-6 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Lafayette ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0043-7 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Lincoln ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0043-8 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Little River ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0043-9 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Miller ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0044-1 PPQSCIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	AR Nevada ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0044-2 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	AR Ouachita ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0044-3 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Phillips ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0044-4 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Pike ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0044-5 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Sevier ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0044-6 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	AR Union ? e PHN ? Jul NOTE: 072, 121	PPQMTX-LEW-82-0044-7 PPQSCIII	SAME
	FL, Alachua UFG/RIS	FL Bay ? e PHN 1 Apr NOTE: 087	UFG-RIS-82-0001 IAMARL Hogsette, J A	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	GA Appling ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0012-1 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	GA Atkinson ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0012-2 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Bacon ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0012-3 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Baker ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0012-4 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Baldwin ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0012-5 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Banks ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0012-6 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Barrow ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0012-7 PPQSEI	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	GA Ben Hill ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0012-8 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	GA Berrien ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0012-9 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Bibb ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0013-1 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Bleckley ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0013-2 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Brantley ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0013-3 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Brooks ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0013-4 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Bryan ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0013-5 PPQSEI	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	GA Bullock ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0013-6 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	GA Burke ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0013-7 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Butts ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0013-8 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Calhoun ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0013-9 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Camden ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0014-1 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Candler ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0014-2 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Carroll ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0014-3 PPQSEI	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	GA Charlton ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0014-4 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	GA Chatham ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0014-5 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Chattahoochee ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0014-6 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Clarke ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0014-7 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Clay ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0014-8 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Clayton ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0014-9 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Clinch ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0015-1 PPQSEI	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	GA Cobb ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0015-2 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	GA Coffee ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0015-3 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Colquitt ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0015-4 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Columbia ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0015-5 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Cook ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0015-6 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Coweta ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0015-7 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Crawford ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0015-8 PPQSEI	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	GA Crisp ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0015-9 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	GA De Kalb ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0016-2 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Decatur ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0016-1 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Dodge ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0016-3 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Dooly ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0016-4 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Dougherty ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0016-5 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Douglas ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0016-6 PPQSEI	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	GA Early ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0016-7 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	GA Echols ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0016-8 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Effingham ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0016-9 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Elbert ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0017-1 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Emanuel ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0017-2 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Evans ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0017-3 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Fayette ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0017-4 PPQSEI	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	GA Franklin ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0017-5 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	GA Fulton ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0017-6 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Glascock ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0017-7 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Glynn ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0017-8 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Grady ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0017-9 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Greene ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0018-1 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Gwinnett ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0018-2 PPQSEI	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	GA Hancock ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0018-3 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	GA Haralson ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0018-4 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Harris ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0018-5 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Hart ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0018-6 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Heard ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0018-7 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Henry ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0018-8 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Houston ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0018-9 PPQSEI	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	GA Irwin ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0019-1 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	GA Jackson ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0019-2 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Jasper ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0019-3 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Jeff Davis ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0019-4 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Jefferson ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0019-5 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Jenkins ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0019-6 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Johnson ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0019-7 PPQSEI	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	GA Jones ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0019-8 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	GA Lamar ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0019-9 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Lanier ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0020-1 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Laurens ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0020-2 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Lee ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0020-3 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Liberty ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0020-4 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Lincoln ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0020-5 PPQSEI	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	GA Long ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0020-6 PPQSEI	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	GA Lowndes ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0020-7 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Macon ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0020-8 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Madison ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0020-9 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Marion ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0021-1 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Meriwether ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0021-2 PPQSEI	SAME
	USA,FL (ex Pakistan) FLDPIFL	GA Miller ? e PHN ? Jul NOTE: 072, 117	PPQMTX-LEW-82-0021-3 PPQSEI	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	LA Acadia ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0035-1 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	LA Allen ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0035-2 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Ascension ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0035-3 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Avoyelles ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0035-4 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Beauregard ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0035-5 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Bienville ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0035-6 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Bossier ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0035-7 PPQSCIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	LA Caddo ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0035-8 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	LA Calcasieu ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0035-9 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Caldwell ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0036-1 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Cameron ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0036-2 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Catahoula ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0036-3 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Claiborne ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0036-4 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Concordia ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0036-5 PPQSCIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	LA De Soto ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0036-6 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	LA East Baton Rouge ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0036-7 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA East Carroll ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0036-8 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA East Feliciana ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0036-9 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Evangeline ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0037-1 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Franklin ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0037-2 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Grant ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0037-3 PPQSCIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	LA Iberia ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0037-4 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	LA Iberville ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0037-5 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Jackson ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0037-6 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Jefferson ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0037-7 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Jefferson Davis ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0037-8 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA La Salle ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0038-1 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Lafayette ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0037-9 PPQSCIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	LA Livingston ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0038-2 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	LA Madison ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0038-3 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Morehouse ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0038-4 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Natchitoches ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0038-5 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Orleans ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0038-6 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Ouachita ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0038-7 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Plaquemines ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0038-8 PPQSCIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	LA Pointe Coupee ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0038-9 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	LA Rapides ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0039-1 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Red River ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0039-2 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Richland ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0039-3 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Sabine ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0039-4 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA St Bernard ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0039-5 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA St Charles ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0039-6 PPQSCIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	LA St Helena ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0039-7 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	LA St James ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0039-8 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA St John /Baptist ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0039-9 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA St Landry ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0040-1 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA St Martin ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0040-2 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA St Mary ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0040-3 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA St Tammany ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0040-4 PPQSCIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	LA Tangipahoa ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0040-5 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	LA Tensas ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0040-6 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Terrebonne ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0040-7 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Union ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0040-8 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Vermilion ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0040-9 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Vernon ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0041-1 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Washington ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0041-2 PPQSCIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	LA Webster ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0041-3 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	LA West Baton Rouge ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0041-4 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA West Carroll ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0041-5 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA West Feliciana ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0041-6 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	LA Winn ? e PHN ? Jul NOTE: 072, 120	PPQMTX-LEW-82-0041-7 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Adams ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0027-1 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Amite ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0027-2 PPQSEIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	MS Attala ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0027-3 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	MS Bolivar ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0027-4 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Calhoun ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0027-5 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Carroll ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0027-6 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Chickasaw ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0027-7 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Choctaw ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0027-8 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Claiborne ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0027-9 PPQSEIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	MS Clarke ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0028-1 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	MS Clay ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0028-2 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Coahoma ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0028-3 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Copiah ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0028-4 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Covington ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0028-5 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Forrest ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0028-6 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Franklin ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0028-7 PPQSEIII	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	MS George ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0028-8 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	MS Greene ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0028-9 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Grenada ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0029-1 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Hancock ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0029-2 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Harrison ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0029-3 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Hinds ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0029-4 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Holmes ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0029-5 PPQSEIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	MS Humphreys ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0029-6 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	MS Issaquena ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0029-7 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Jackson ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0029-8 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Jasper ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0029-9 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Jefferson ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0030-1 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Jefferson Davis ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0030-2 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Jones ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0030-3 PPQSEIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	MS Kemper ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0030-4 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	MS Lafayette ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0030-5 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Lamar ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0030-6 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Lauderdale ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0030-7 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Lawrence ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0030-8 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Leake ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0030-9 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Lee ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0031-1 PPQSEIII	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	MS Leflore ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0031-2 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	MS Lincoln ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0031-3 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Lowndes ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0031-4 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Madison ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0031-5 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Marion ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0031-6 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Monroe ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0031-7 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Montgomery ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0031-8 PPQSEIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	MS Neshoba ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0031-9 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	MS Newton ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0032-1 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Noxubee ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0032-2 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Oktibbeha ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0032-3 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Pearl River ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0032-4 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Perry ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0032-5 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Pike ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0032-6 PPQSEIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	MS Pontotoc ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0032-7 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	MS Quitman ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0032-8 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Rankin ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0032-9 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Scott ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0033-1 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Sharkey ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0033-2 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Simpson ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0033-3 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Smith ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0033-4 PPQSEIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	MS Stone ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0033-5 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	MS Sunflower ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0033-6 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Tallahatchie ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0033-7 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Tunica ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0033-8 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Union ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0033-9 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Walthall ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0034-1 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Warren ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0034-2 PPQSEIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	MS Washington ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0034-3 PPQSEIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	MS Wayne ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0034-4 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Webster ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0034-5 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Wilkinson ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0034-6 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Winston ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0034-7 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Yalobusha ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0034-8 PPQSEIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	MS Yazoo ? e PHN ? Jul NOTE: 072, 119	PPQMTX-LEW-82-0034-9 PPQSEIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	NC Anson ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0001-1 PPQSEIV Savage, J	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	NC Beaufort ? e PHN 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0001-2 NCDA Miller, A	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Bertie ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0001-3 NCDA Parker, B	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Bladen ? e PHN 4 Jul NOTE: 072, 122	PPQMTX-LEW-82-0001-4 PPQSEIV Johnson, R	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Brunswick ? e PHL 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0001-5 NCDA Murray, J	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Cabbarus ? e PHN 1 Jul NOTE: 072, 122	PPQMTX-LEW-82-0001-6 PPQSEIV Savage, J	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Camden ? e PHN 1 Jul NOTE: 072, 122	PPQMTX-LEW-82-0001-7 PPQSEIV Wescott, B	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month / No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	NC Carteret ? e PHN 4 Jul NOTE: 072, 122	PPQMTX-LEW-82-0001-8 PPQSEIV Roberts, L	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	NC Chowan ? e PHN 4 Jul NOTE: 072, 122	PPQMTX-LEW-82-0001-9 PPQSEIV Wescott, B	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Columbus ? e PHN 4 Jul NOTE: 072, 122	PPQMTX-LEW-82-0002-1 NCDA Murray, J	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Craven ? e PHN 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0002-2 PPQSEIV Roberts, L	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Cumberland ? e PHN 12 Jul NOTE: 072, 122	PPQMTX-LEW-82-0002-3 PPQSEIV Johnson, G	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Currituck ? e PHN 1 Jul NOTE: 072, 122	PPQMTX-LEW-82-0002-4 PPQSEIV Wescott, B	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Dare ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0002-5 PPQSEIV Wescott, B	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	NC Duplin ? e PHN 4 Jul NOTE: 072, 122	PPQMTX-LEW-82-0002-6 PPQSEIV Wilson, D	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	NC Edgecombe ? e PHN 6 Jul NOTE: 072, 122	PPQMTX-LEW-82-0002-7 NCDA Batten, C	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Gates ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0002-8 PPQSEIV Wescott, B	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Greene ? e PHN 1 Jul NOTE: 072, 122	PPQMTX-LEW-82-0002-9 NCDA Batten, C	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Halifax ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0003-1 NCDA Batten, C	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Harnett ? e PHN 3 Jul NOTE: 072, 122	PPQMTX-LEW-82-0003-2 PPQSEIV Johnson, G	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Hertford ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0003-3 NCDA Parker, B	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	NC Hoke ? e PHN 3 Jul NOTE: 072, 122	PPQMTX-LEW-82-0003-4 PPQSEIV Johnson, G	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	NC Hyde ? e PHN 1 Jul NOTE: 072, 122	PPQMTX-LEW-82-0003-5 NCDA Miller, A	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Johnston ? e PHN 3 Jul NOTE: 072, 122	PPQMTX-LEW-82-0003-6 PPQSEIV Wilson, D	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Jones ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0003-7 PPQSEIV Roberts, L	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Lee ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0003-8 NCDA Isenhour, J	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Lenoir ? e PHN 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0003-9 NCDA Stillwell, K	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Martin ? e PHN 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0004-1 NCDA Parker, B	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	NC Mecklenburg ? e PHN 10 Jul NOTE: 072, 122	PPQMTX-LEW-82-0004-2 PPQSEIV Savage, J	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	NC Montgomery ? e PHN 1 Jul NOTE: 072, 122	PPQMTX-LEW-82-0004-3 NCDA Ford, R	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Moore ? e PHN 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0004-4 NCDA Ford, R	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Nash ? e PHN 3 Jul NOTE: 072, 122	PPQMTX-LEW-82-0004-5 NCDA Batten, C	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC New Hanover ? e PHN 25 Jul NOTE: 072, 122	PPQMTX-LEW-82-0004-6 PPQSEIV Roggenstein, B	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Northampton ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0004-7 NCDA Batten, C	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Onslow ? e PHN 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0004-8 PPQSEIV Wilson, D	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	NC Pamlico ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0004-9 NCDA Miller, A	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	NC Pasquotank ? e PHN 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0005-1 PPQSEIV Wescott, B	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Pender ? e PHN 3 Jul NOTE: 072, 122	PPQMTX-LEW-82-0005-2 PPQSEIV Wilson, D	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Perquimans ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0005-3 PPQSEIV Wescott, B	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Pitt ? e PHN 7 Jul NOTE: 072, 122	PPQMTX-LEW-82-0005-4 NCDA Parker, B	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Richmond ? e PHN 4 Jul NOTE: 072, 122	PPQMTX-LEW-82-0005-5 PPQSEIV Johnson, G	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Robeson ? e PHN 6 Jul NOTE: 072, 122	PPQMTX-LEW-82-0005-6 NCDA Gregory, R	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	NC Sampson ? e PHN 7 Jul NOTE: 072, 122	PPQMTX-LEW-82-0005-7 NCDA Smith, T	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	NC Scotland ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0005-8 PPQSEIV Johnson, G	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Stanly ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0005-9 PPQSEIV Savage, J	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Tyrrell ? e PHN 1 Jul NOTE: 072, 122	PPQMTX-LEW-82-0006-1 NCDA Parker, B	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Union ? e PHN 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0006-2 PPQSEIV Savage, J	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Wake ? e PHN 13 Jul NOTE: 072, 122	PPQMTX-LEW-82-0006-3 NCDA Isenhour, J	SAME
	USA,FL (ex Pakistan) FLDPIFL	NC Washington ? e PHN 2 Jul NOTE: 072, 122	PPQMTX-LEW-82-0006-4 NCDA Parker, B	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	NC Wayne ? e PHN 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0006-5 PPQSEIV Wilson, D	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	NC Wilson ? e PHN 5 Jul NOTE: 072, 122	PPQMTX-LEW-82-0006-6 NCDA Batten, C	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Abbeville ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0007-1 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Aiken ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0007-2 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Allendale ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0007-3 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Bamberg ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0007-4 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Barnwell ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0007-5 PPQSEIV	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	SC Beaufort ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0007-6 PPQSEIV	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	SC Berkeley ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0007-7 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Calhoun ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0007-8 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Charleston ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0007-9 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Chester ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0008-1 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Chesterfield ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0008-2 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Clarendon ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0008-3 PPQSEIV	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	SC Colleton ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0008-4 PPQSEIV	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	SC Darlington ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0008-5 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Dillon ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0008-6 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Dorchester ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0008-7 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Edgefield ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0008-8 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Fairfield ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0008-9 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Florence ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0009-1 PPQSEIV	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	SC Georgetown ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0009-2 PPQSEIV	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	SC Greenwood ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0009-3 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Hampton ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0009-4 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Horry ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0009-5 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Jasper ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0009-6 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Kershaw ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0009-7 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Lancaster ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0009-8 PPQSEIV	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	SC Laurens ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0009-9 PPQSEIV	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	SC Lee ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0010-1 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Lexington ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0010-2 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Marion ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0010-3 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Marlboro ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0010-4 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC McCormick ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0010-5 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Newberry ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0010-6 PPQSEIV	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	SC Orangeburg ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0010-7 PPQSEIV	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	SC Richland ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0010-8 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Saluda ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0010-9 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Sumter ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0011-1 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Union ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0011-2 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC Williamsburg ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0011-3 PPQSEIV	SAME
	USA,FL (ex Pakistan) FLDPIFL	SC York ? e PHN ? Jul NOTE: 072, 116	PPQMTX-LEW-82-0011-4 PPQSEIV	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	TX Anderson ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0045-1 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	TX Angelina ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0045-2 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Aransas ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0045-3 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Atascosa ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0045-4 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Austin ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0045-5 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Bastrop ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0045-6 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Bee ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0045-7 PPQSCII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	TX Bell ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0045-8 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	TX Bexar ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0045-9 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Bowie ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0046-1 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Brazoria ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0047-1 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Brazos ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0046-2 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Burleson ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0046-3 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Caldwell ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0046-4 PPQSCII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	TX Calhoun ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0046-5 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	TX Cameron ? e PHN ? Jul NOTE: 072, 115	PPQMTX-LEW-82-0056-2 PPQMTX SARL Wendel, L E Summy, K R	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Camp ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0046-6 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Cass ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0046-7 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Chambers ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0047-2 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Cherokee ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0046-8 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Colorado ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0046-9 PPQSCII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	TX Comal ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0048-1 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	TX Dallas ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0048-2 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX De Witt ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0048-4 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Delta ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0048-3 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Ellis ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0048-5 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Falls ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0048-6 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Fayette ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0048-7 PPQSCII	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	TX Fort Bend ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0048-8 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	TX Franklin ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0048-9 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Freestone ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0049-1 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Galveston ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0047-3 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Goliad ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0049-2 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Gonzalez ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0049-3 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Gregg ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0049-4 PPQSCII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	TX Grimes ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0049-5 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	TX Guadalupe ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0049-6 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Hardin ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0047-4 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Harris ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0047-5 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Harrison ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0049-7 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Hays ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0049-8 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Henderson ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0049-9 PPQSCII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	TX Hidalgo ? e PHN ? Jul NOTE: 072, 115	PPQMTX-LEW-82-0056-1 PPQMTX SARL Wendel, L E Summy, K R	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	TX Hill ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0050-1 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Hopkins ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0050-2 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Houston ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0050-3 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Hunt ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0050-4 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Jackson ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0050-5 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Jasper ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0047-6 PPQSCIII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	TX Jefferson ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0047-7 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	TX Jim Wells ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0050-6 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Karnes ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0050-7 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Kaufman ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0050-8 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Kleberg ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0050-9 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Lamar ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0051-1 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Lavaca ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0051-2 PPQSCII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	TX Lee ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0051-3 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	TX Leon ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0051-4 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Liberty ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0051-5 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Limestone ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0051-6 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Live Oak ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0051-7 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Madison ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0051-8 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Marion ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0051-9 PPQSCII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	TX Matagorda ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0052-1 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	TX McLennan ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0052-2 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Milam ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0052-3 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Montgomery ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0052-4 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Morris ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0052-5 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Nacogdoches ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0052-6 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Navarro ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0052-7 PPQSCII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	TX Newton ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0047-8 PPQSCIII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	TX Nueces ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0052-8 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Orange ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0047-9 PPQSCIII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Panola ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0052-9 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Polk ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0053-1 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Rains ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0053-2 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Red River ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0053-3 PPQSCII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	TX Refugio ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0053-4 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	TX Rockwall ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0053-5 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Rusk ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0053-6 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Sabine ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0053-7 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX San Augustine ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0053-8 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX San Jacinto ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0053-9 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX San Patricio ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0054-1 PPQSCII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	TX Shelby ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0054-2 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	TX Smith ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0054-3 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Titus ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0054-4 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Travis ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0054-5 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Trinity ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0054-6 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Tyler ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0054-7 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Upshur ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0054-8 PPQSCII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	TX Van Zandt ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0054-9 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	TX Victoria ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0055-1 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Walker ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0055-2 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Waller ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0055-3 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Washington ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0055-4 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Wharton ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0055-5 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Willacy ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0055-6 PPQSCII	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia lahorensis (Howard) Hymenoptera Aphelinidae	USA,FL (ex Pakistan) FLDPIFL	TX Williamson ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0055-7 PPQSCII	Dialeurodes citri (Ashmead) citrus whitefly
	USA,FL (ex Pakistan) FLDPIFL	TX Wilson ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0055-8 PPQSCII	SAME
	USA,FL (ex Pakistan) FLDPIFL	TX Wood ? e PHN ? Jul NOTE: 072, 114	PPQMTX-LEW-82-0055-9 PPQSCII	SAME
Encarsia sp. Hymenoptera Aphelinidae	Japan UCR UCR/PD, MJR	CA Orange 2935e A 1 Jul	UCR-PD-82-0007 UCR Rose, M J	Parabemisia myricae (Kuwana) Japanese bayberry whitefly
	Trinidad HDA	HI Honolulu 200 A 1 Jan	HDA-CKO-82-0001 HDA Otsuka, C K	Aleurodicus dispersus Russell spiraling whitefly
	Trinidad HDA	HI Honolulu 25 A 1 Jul	HDA-CKO-82-0010 HDA Otsuka, C K	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia sp. Hymenoptera Aphelinidae	Trinidad HDA	HI Kauai 200 A 2 Feb	HDA-CKO-82-0004 HDAK Sugawa, D T	Aleurodicus dispersus Russell spiraling whitefly
	Trinidad HDA	HI Maui 450 A 3 Jan	HDA-CKO-82-0002 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui 450 A 2 Feb	HDA-CKO-82-0005 HDAM Miyahira, N	SAME
	Trindad HDA	HI Maui 100e A 1 Mar	HDA-CKO-82-0007 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui 75e A 1 Jun	HDA-CKO-82-0009 HDAM Miyahira, N	SAME
	Trinidad HDA	HI Maui (Molokai I) 100 A ? Jan NOTE: 036	HDA-CKO-82-0003 UHIEXT Arakaki, A	SAME
	Trinidad HDA	HI Maui (Molokai I) 400 A ? Feb to Mar NOTE: 036	HDA-CKO-82-0006 UHIEXT Arakaki, A	SAME
	Trinidad HDA	HI Maui (Molokai I) 100e A ? Apr NOTE: 036	HDA-CKO-82-0008 UHIEXT Arakaki, A	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encarsia sp. I Hymenoptera Aphelinidae	Japan UCR UCR/PD, MJR	CA Orange 6678e A 4 Jan to Apr	UCR-PD-82-0001 UCR Rose, M J	Parabemisia myricae (Kuwana) Japanese bayberry whitefly
	Japan UCR UCR/PD, MJR	CA Orange 10000e A 1 Sep	UCR-PD-82-0015 UCR Rose, M J	SAME
	Japan UCR UCR/PD, MJR	CA Orange 10000e A 1 Oct	UCR-PD-82-0019 UCR Rose, M J	SAME
	Japan UCR UCR/PD, MJR	CA Riverside 445e A 1 Mar to May	UCR-PD-82-0004 UCR Rose, M J	SAME
	Japan UCR UCR/PD, MJR	CA Riverside 116600e A 2 Sep to Oct	UCR-PD-82-0013 UCR Rose, M J	SAME
	Japan UCR UCR/PD, MJR	CA Ventura 432975e A 5 Aug	UCR-PD-82-0011 UCR Rose, M J	SAME
Encyrtus saliens Prinsloo & Annecke Hymenoptera Encyrtidae	South Africa UCB SFPPRIS/SN	CA Alameda 300e A 1 Aug to Sep	UCB-KSH-82-0050 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale
	South Africa UCB SFPPRIS/SN	CA Contra Costa 100e A ? Jun	UCB-KSH-82-0029 UCB	SAME Pulvinaria delotti Gill --

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Encyrtus saliens Prinsloo & Annecke Hymenoptera Encyrtidae	South Africa UCB SFPPRIS/SN	CA Contra Costa 100e A 1 Sep	UCB-KSH-82-0051 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale Pulvinaria delotti Gill --
Ephedrus plagiator (Nees) Hymenoptera Aphidiidae	Yugoslavia BIRL EPL/FG	CO Otero 5000e A 1 Aug to Sep	CODA-KEM-82-0006 COSURF Schweissing, F C	Schizaphis graminum (Rondani) greenbug
	France BIRL EPL/FG	OK Payne 250e A 1 Feb	OKSU-RDE-82-0001 OKSU Sumner, L C	SAME
Eretmocerus n. sp. Hymenoptera Aphelinidae	Japan UCR UCR/PD, MJR	CA Orange 15200e A 1 Sep	UCR-PD-82-0014 UCR Rose, M J	Parabemisia myricae (Kuwana) Japanese bayberry whitefly
	Japan UCR UCR/PD, MJR	CA Ventura 133160e A 4 Sep to Oct	UCR-PD-82-0012 UCR Rose, M J	SAME
	Japan UCR UCR/PD, MJR	CA Ventura 500000e A ? Oct	UCR-PD-82-0018 UCR CAFCPD Rose, M J Farrar, C	SAME
	Japan UCR UCR/PD, MJR	CA Ventura 500000e A ? Nov	UCR-PD-82-0020 UCR CAFCPD Rose, M J Farrar, C	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Eretmocerus sp. Hymenoptera Aphelinidae	Japan UCR UCR/PD, MJR	CA Orange 3353e A 3 Mar	UCR-PD-82-0002 UCR Rose, M J	Parabemisia myricae (Kuwana) Japanese bayberry whitefly
	CA, ? UCR/MJR	CA Orange 160e A 1 Jun	UCR-PD-82-0006 UCR Rose, M J	SAME
	CA, ? UCR/	CA Orange 2000e A 1 Jul	UCR-PD-82-0008 UCR Rose, M J	SAME
	Japan UCR UCR/PD, MJR	CA Riverside 860e A 1 Mar to Jun	UCR-PD-82-0003 UCR Rose, M J	SAME
	CA, ? UCR/MJR	CA Riverside 275e A 1 Jun	UCR-PD-82-0005 UCR Rose, M J	SAME
	CA, ? UCR/	CA Riverside 1427 A 1 Jul	UCR-PD-82-0010 UCR Rose, M J	SAME
	Japan UCR UCR/PD, MJR	CA Riverside 600e A 1 Sep	UCR-PD-82-0017 UCR Rose, M J	SAME
	CA, ? UCR/	CA Ventura 1200e A 2 Jul	UCR-PD-82-0009 UCR Rose, M J	SAME
	HI, Honolulu HDA/BRK	HI Honolulu 880 A ? May to Jun NOTE: 036	HDA-BRK-82-0022 HDA Kumashiro, B R	Aleurothrixus floccosus (Maskell) woolly whitefly

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Eretmocerus sp. Hymenoptera Aphelinidae	HI, Honolulu HDA/BRK	HI Honolulu 1160 A 2 Aug	HDA-BRK-82-0032 HDA Kumashiro, B R	Aleurothrixus floccosus (Maskell) woolly whitefly
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 100 A 1 Jul	HDA-BRK-82-0028 UHIEXT Arakaki, A	SAME
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 140 A 1 Sep	HDA-BRK-82-0036 UHIEXT Arakaki, A	SAME
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 1330 A ? Oct to Nov NOTE: 036	HDA-BRK-82-0040 UHIEXT Arakaki, A	SAME
Euglandina rosea (Ferussac) Pulmonata Oleacinidae	HI, Hawaii HDAH/ERY	HI Hawaii 52 A 2 Aug	HDAH-ERY-82-0012 HDAH Yoshioka, E R	Achatina fulica Bowdich giant African snail
	HI, Hawaii HDAH/ERY	HI Hawaii ? e A 1 Oct	HDAH-ERY-82-0016 HDAH Yoshioka, E R	SAME
Euplectrus puttleri Gordh Hymenoptera Eulophidae	Brazil SRQF SCCUE SCCUE/SGT UAR/WCY	FL Dade 20 A 1 Feb	UFH-VHW-82-0001 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar
Euseius concordis (Chant) Parasitiformes Phytoseiidae	Brazil UCR UCR/GJM	CA Orange 1000e A,N 1 Apr	UCR-JAM-82-0028 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Euseius concordis (Chant) Parasitiformes Phytoseiidae	Brazil UCR UCR/GJM	CA San Diego 2500e A,N 1 Jun	UCR-JAM-82-0047 UCR Johnson, H G	Panonychus citri McGregor citrus red mite
	Brazil UCR UCR/GJM	CA San Diego 8500e A,N 2 Aug	UCR-JAM-82-0055 UCR Johnson, H G	Oligonychus punicae (Hirst) avocado brown mite
	Brazil UCR UCR/GJM	CA San Diego 1100e A,N 1 Oct	UCR-JAM-82-0068 UCR Johnson, H G	Panonychus citri McGregor citrus red mite
	Brazil UCR UCR/GJM	CA San Diego 2000e A,N 1 Nov	UCR-JAM-82-0072 UCR Johnson, H G	SAME
	Brazil UCR UCR/GJM	CA Ventura 1200e A,N 1 May	UCR-JAM-82-0034 UCR Johnson, H G	Phyllocoptruta oleivora (Ashmead) citrus rust mite Panonychus citri McGregor citrus red mite
	Brazil UCR UCR/GJM	CA Ventura 1800e A,N 1 Jul	UCR-JAM-82-0049 UCR Johnson, H G	SAME
Euseius elinae (Schicha) Parasitiformes Phytoseiidae	Australia UCR	CA Orange 1000e A,N 1 Apr	UCR-JAM-82-0026 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Euseius elinae (Schicha) Parasitiformes Phytoseiidae	Australia UCR	CA San Diego 1400e A,N 1 Jun	UCR-JAM-82-0038 UCR Johnson, H G	Oligonychus punicae (Hirst) avocado brown mite
	Australia UCR	CA Santa Barbara 900e A,N 1 Jan	UCR-JAM-82-0004 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite
	Australia UCR	CA Santa Barbara 800e A,N 1 Mar	UCR-JAM-82-0009 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite
	Australia UCR	CA Ventura 1400e A,N 1 Apr	UCR-JAM-82-0018 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Polyphagotarsonemus latus (Banks) broad mite
Euseius hibisci (Chant) Parasitiformes Phytoseiidae	Mexico-Oaxaca State UCR UCR/JAM	CA Orange 800e A,N 1 Apr	UCR-JAM-82-0023 UCR Johnson, H G	SAME Panonychus citri McGregor citrus red mite

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Euseius hibisci (Chant) Parasitiformes Phytoseiidae	Mexico-Oaxaca State UCR UCR/JAM	CA San Diego 1600e A,N Jun	1	UCR-JAM-82-0044 UCR Johnson, H G	Panonychus citri McGregor citrus red mite
	Mexico-Chiapas State UCR UCR/JAM, MB	CA San Diego 1000e A,N Jun	1	UCR-JAM-82-0045 UCR Johnson, H G	SAME
	Mexico-Oaxaca State UCR UCR/JAM	CA San Diego 700e A,N Aug	1	UCR-JAM-82-0058 UCR Johnson, H G	Oligonychus punicae (Hirst) avocado brown mite
	Mexico-Chiapas State UCR UCR/JAM, MB	CA San Diego 600e A,N Aug	1	UCR-JAM-82-0059 UCR Johnson, H G	SAME
	Mexico-Oaxaca State UCR UCR/JAM	CA Santa Barbara 2100e A,N Jan	2	UCR-JAM-82-0002 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite
	Mexico-Chiapas State UCR UCR/JAM, MB	CA Santa Barbara 900e A,N Jan	1	UCR-JAM-82-0003 UCR Johnson, H G	SAME Polyphagotarsonemus latus (Banks) broad mite

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Euseius hibisci (Chant) Parasitiformes Phytoseiidae	Mexico-Oaxaca State Mexico-Chiapas State UCR UCR/JAM UCR/JAM, MB	CA Santa Barbara 1500e A,N Mar	1	UCR-JAM-82-0007 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite
	Mexico-Oaxaca State UCR UCR/JAM	CA Ventura 1100e A,N Apr	2	UCR-JAM-82-0015 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Polyphagotarsonemus latus (Banks) broad mite
Euseius quetzali McMurtry Parasitiformes Phytoseiidae	Guatemala UCR	CA Orange 1200e A,N Apr	1	UCR-JAM-82-0024 UCR Johnson, H G	SAME Panonychus citri McGregor citrus red mite
	Guatemala UCR	CA San Diego 300e A,N Jun	1	UCR-JAM-82-0046 UCR Johnson, H G	SAME
	Guatemala UCR	CA San Diego 400e A,N Oct	1	UCR-JAM-82-0066 UCR Johnson, H G	SAME
	Guatemala UCR	CA San Diego 700e A,N Nov	1	UCR-JAM-82-0075 UCR Johnson, H G	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Euseius quetzali McMurtry Parasitiformes Phytoseiidae	Guatemala UCR	CA Santa Barbara 1100e A,N 1 Jan	UCR-JAM-82-0006 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite
	Guatemala UCR	CA Santa Barbara 1200e A,N 1 Mar	UCR-JAM-82-0010 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite
	Guatemala UCR	CA Ventura 800e A,N 1 Apr	UCR-JAM-82-0019 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Polyphagotarsonemus latus (Banks) broad mite
Euseius scutalis (Athias-Henriot) Parasitiformes Phytoseiidae	Morocco UCR UCR/JAM	CA Riverside 200e A,N 1 Oct	UCR-JAM-82-0070 UCR Johnson, H G	Panonychus citri McGregor citrus red mite
	Morocco UCR UCR/JAM	CA Riverside 300e A,N 1 Nov	UCR-JAM-82-0071 UCR Johnson, H G	SAME
	Morocco UCR UCR/JAM	CA San Diego 1300e A,N 4 Jul	UCR-JAM-82-0048 UCR Johnson, H G	Oligonychus punicae (Hirst) avocado brown mite

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Euseius scutalis (Athias-Henriot) Parasitiformes Phytoseiidae	Morocco UCR UCR/JAM	CA San Diego 1300e A,N 1 Sep to Oct	UCR-JAM-82-0064 UCR Johnson, H G	Panonychus citri McGregor citrus red mite
	Morocco UCR UCR/JAM	CA San Diego 600e A,N 1 Nov	UCR-JAM-82-0073 UCR Johnson, H G	SAME
Euseius stipulatus (Athias-Henriot) Parasitiformes Phytoseiidae	Spain UCR	CA Orange 2400e A,N 1 Apr	UCR-JAM-82-0021 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite
	Spain UCR	CA Orange 1200e A,N 1 Jul	UCR-JAM-82-0052 UCR Johnson, H G	SAME
	Morocco UCR UCR/JAM	CA Orange 3600e A,N 1 Jul	UCR-JAM-82-0053 UCR Johnson, H G	SAME
	Spain UCR	CA San Diego 13500e A,N 2 Apr to May	UCR-JAM-82-0029 UCR Johnson, H G	SAME
	Spain UCR	CA San Diego 1000e A,N 1 Sep to Oct	UCR-JAM-82-0060 UCR Johnson, H G	SAME
	Morocco UCR UCR/JAM	CA San Diego 2000e A,N 1 Sep to Oct	UCR-JAM-82-0061 UCR Johnson, H G	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Euseius stipulatus (Athias-Henriot) Parasitiformes Phytoseiidae	Morocco UCR UCR/JAM	CA San Diego 1200e A,N Oct	1	UCR-JAM-82-0069 UCR Johnson, H G	Panonychus citri McGregor citrus red mite
	Spain UCR	CA Santa Barbara 3500e A,N Jan	2	UCR-JAM-82-0001 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite
	Spain UCR	CA Santa Barbara 2700e A,N Mar	1	UCR-JAM-82-0008 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite
	Spain UCR	CA Santa Barbara 800e A,N Nov	1	UCR-JAM-82-0077 UCR Johnson, H G	SAME Panonychus citri McGregor citrus red mite
	Morocco UCR UCR/JAM	CA Santa Barbara 400e A,N Nov	1	UCR-JAM-82-0078 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Euseius stipulatus (Athias-Henriot) Parasitiformes Phytoseiidae	Spain UCR	CA Ventura 3700e A,N 2 Apr	UCR-JAM-82-0013 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Polyphagotarsonemus latus (Banks) broad mite
	Spain UCR	CA Ventura 4200e A,N 2 May	UCR-JAM-82-0033 UCR Johnson, H G	Phyllocoptruta oleivora (Ashmead) citrus rust mite Panonychus citri McGregor citrus red mite
	Spain UCR	CA Ventura 3200e A,N 2 Jul	UCR-JAM-82-0050 UCR Johnson, H G	SAME
	Morocco UCR UCR/JAM	CA Ventura 650e A,N 3 Jul	UCR-JAM-82-0051 UCR Johnson, H G	SAME
Euseius tutsi (Pritchard & Baker) Parasitiformes Phytoseiidae	South Africa UCR	CA Santa Barbara 1100e A,N 1 Mar	UCR-JAM-82-0011 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite
	South Africa UCR	CA Ventura 1200e A,N 1 Apr	UCR-JAM-82-0016 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Polyphagotarsonemus latus (Banks) broad mite

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Exochomus flavipes (Thunberg) Coleoptera Coccinellidae	South Africa UCB	CA Sacramento 575 A ? Jul	UCB-KSH-82-0031 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale
	South Africa UCB	CA San Diego 2600e A ? Sep to Dec	UCB-KSH-82-0057 UCB	SAME Pulvinaria delotti Gill --
	South Africa UCB	CA San Luis Obispo 945e A ? Mar to Jun	UCB-KSH-82-0016 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale
	South Africa UCB	CA San Luis Obispo 300e A ? Jul	UCB-KSH-82-0040 UCB	SAME
	South Africa UCB	CA Santa Barbara 957e A ? Mar to Jun	UCB-KSH-82-0014 UCB	SAME
	South Africa UCB	CA Santa Barbara 800e A ? Jul	UCB-KSH-82-0045 UCB	SAME
	South Africa UCB	CA Santa Cruz 250e A ? Sep	UCB-KSH-82-0061 UCB	Pulvinaria delotti Gill -- Pulvinariella mesembryanthemi (Vallot) ice plant scale

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Exochomus flavipes (Thunberg) Coleoptera Coccinellidae	South Africa UCB	CA Ventura 1720e A ? Apr to Jun	UCB-KSH-82-0017 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale
	South Africa UCB	CA Ventura 500e A ? Sep	UCB-KSH-82-0052 UCB	SAME
Glyptapanteles flavicoxis (Marsh) Hymenoptera Braconidae	India BIRL CIBCIS/GR	CT New London 5400e A,C 1 Jun	NJDA-RJC-82-0003 CTAES Erny, R	Lymantria dispar (Linnaeus) gypsy moth
	India BIRL CIBCIS/GR	DE New Castle 10593 A 1 Apr to Aug	BIRL-RWF-82-0206 BIRL Groce, J C Cox, L R	SAME
	India BIRL CIBCIS/GR	NH Hillsboro 5400e A,C 1 Jun	NJDA-RJC-82-0004 NHDA Durkis, T J	SAME
	India BIRL CIBCIS/GR	NJ Burlington 12800e A,C 1 May	NJDA-RJC-82-0001-4 NJDA Bullock, R H	SAME
	India BIRL CIBCIS/GR	NJ Camden 144000e A,C 3 May	NJDA-RJC-82-0001 NJDA Bullock, R H	SAME
	India BIRL CIBCIS/GR	NJ Hunterdon 1500e A,C 1 Aug	NJDA-RJC-82-0011-1 NJDA Mina, P J	Hyphantria cunea (Drury) fall webworm

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Glyptapanteles flavicoxis (Marsh) Hymenoptera Braconidae	India BIRL CIBCIS/GR	NJ Sussex 1800e A 1 Jun	NJDA-RJC-82-0005 NJDA ?	Lymantria dispar (Linnaeus) gypsy moth
	India BIRL CIBCIS/GR	NJ Warren 3000e A,C 2 Aug	NJDA-RJC-82-0011 NJDA Mackenthun, D	Hyphantria cunea (Drury) fall webworm
	India BIRL CIBCIS/GR	PA Bucks 253250e A 1 May to Jul	PABF-RAF-82-0003-1 PABF Fusco, R A	Lymantria dispar (Linnaeus) gypsy moth
	India BIRL CIBCIS/GR	PA Perry 210000e A 2 May to Jul	PABF-RAF-82-0003 PABF Fusco, R A	SAME
	India BIRL CIBCIS/GR	PA Schuylkill 43000e A 1 May to Jul	PABF-RAF-82-0003-4 PABF Fusco, R A	SAME
	India BIRL CIBCIS/GR	WV Jefferson 1600e C 1 Jun	NJDA-RJC-82-0002-2 WVDAI Mason, T L Wydoski, R	SAME
	India BIRL CIBCIS/GR	WV Morgan 1600e A,C 1 Jun	NJDA-RJC-82-0002-1 WVDAI Mason, T L Dean, N	SAME
Glyptapanteles harrisinae (Muesebeck) Hymenoptera Braconidae	CA, San Diego CABCSP/CDH, BV	CA Butte 1130 A 9 Jun	CABCSP-CDH-82-0003 CABCDA CABCSP Riley, H Villegas, B	Harrisina brillians Barnes & McDunnough western grapeleaf skeletonizer

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Glyptapanteles harrisinae (Muesebeck) Hymenoptera Braconidae	CA, San Diego CABCSP/TE, BV	CA Butte 114 A 2 Jun	CABCSP-CDH-82-0007 CABCSP Waller, J	Harrisina brillians Barnes & McDunnough western grapeleaf skeletonizer
	CA, San Diego CABCSP/GL, DMS	CA Butte 16 A 1 Aug	CABCSP-CDH-82-0016-1 CABCSP Waller, J	SAME
	CA, San Diego CABCSP/TE, CDH	CA Fresno 351 A 1 Jun	CABCSP-CDH-82-0006 CABCSP Luna, G Halstead, J	SAME
	CA, San Diego CABCSP/TE, BV	CA Fresno 4137 A 3 Jun	CABCSP-CDH-82-0007 CABCSP Luna, G Halstead, J	SAME
	CA, San Diego CABCSP/BV, KAC	CA Fresno 8151 A 7 Aug	CABCSP-CDH-82-0013 CABCSP Luna, G Halstead, J	SAME
	CA, San Diego CABCSP/GL, DMS	CA Fresno 133 A 1 Sep	CABCSP-CDH-82-0016-8 CABCSP Luna, G	SAME
	CA, San Diego CABCSP/GL, DMS	CA Kern 88 A 3 Sep	CABCSP-CDH-82-0016 CABCSP Esser, T	SAME
	CA, San Diego CABCSP/TE, BV	CA Madera 308 A 1 Jun	CABCSP-CDH-82-0007-1 CABCSP Luna, G Halstead, J	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Glyptapanteles harrisinae (Muesebeck) Hymenoptera Braconidae	CA, San Diego CABCSP/KAC, JH	CA Placer 4017 A 7 Aug	CABCSP-CDH-82-0018 CABCSP Villegas, B Rey, E	Harrisina brillians Barnes & McDunnough western grapeleaf skeletonizer
	CA, San Diego CABCSP/GL, DMS	CA Placer 4697 A 7 Sep	CABCSP-CDH-82-0019 CABCSP Villegas, B Rey, E	SAME
	CA, San Diego CABCSP/TE, BV	CA Shasta 1 A 1 Jul	CABCSP-CDH-82-0007-9 CABCSP Esser, T Waller, J	SAME
	CA, San Diego CABCSP/TE, BV	CA Tulare 1339 A 2 Jun	CABCSP-CDH-82-0007 CABCSP Luna, G Halstead, J	SAME
	CA, San Diego CABCSP/GL, DMS	CA Ventura 52 A 3 Aug	CABCSP-CDH-82-0016 CAVCDA CABCSP Runkle, D Esser, T	SAME
Glyptapanteles indiensis (Marsh) Hymenoptera Braconidae	India BIRL CIBCIS/GR	DE Kent 542 A 1 Apr to May	BIRL-RWF-82-0131 BIRL Fuester, R W	Lymantria dispar (Linnaeus) gypsy moth
	India CIBCIS/GR	DE Kent 124 A 1 May	BIRL-82-0085 BIRL Fuester, R W	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Glyptapanteles indiensis (Marsh) Hymenoptera Braconidae	India CIBCIS/GR	DE New Castle 728 A 1 May	BIRL-82-0090 BIRL PPQWDE Groce, J C Campese, D	Lymantria dispar (Linnaeus) gypsy moth
	India BIRL CIBCIS/GR	NH Hillsboro 49 A 1 Jun	BIRL-RWF-82-0102 NHDA Durkis, T J	SAME
Glyptapanteles sp. prob. caffreyi (Muesebeck) Hymenoptera Braconidae	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 350 A 1 May	SRQF-82-0055 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar
	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 225 A 1 Jun	SRQF-82-0071 UFH Waddill, V H	SAME
	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 600e A 1 Jun	SRQF-82-0095 UFH Waddill, V H	SAME
	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 250e A 1 Jul	SRQF-82-0101 UFH Waddill, V H	SAME
	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 100e A 1 Jul	SRQF-82-0105 UFH Waddill, V H	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Glyptapanteles sp. prob. caffreyi (Muesebeck) Hymenoptera Braconidae	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 200e A 1 Jul	SRQF-82-0106 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar
	Ecuador ALAU ALAU/JDH ECUG/JE	FL Dade 300e A 1 Jul	SRQF-82-0115 UFH Waddill, V H	SAME
Gonaxis quadrilateralis (Preston) Pulmonata Streptaxidae	HI, Kauai HDAK/DTS	HI Kauai 49 A 1 Oct	HDAK-DTS-82-0004 HDAK Sugawa, D T	Achatina fulica Bowdich giant African snail
Goniozus legneri Gordh Hymenoptera Bethylidae	Uruguay UCR	CA Butte 1000e A 1 Aug	UCR-EFL-82-0008 UCR	Amyelois transitella (Walker) navel orangeworm
	Uruguay UCR	CA Imperial 15400e A 2 Aug	UCR-EFL-82-0010 UCR	Pectinophora gossypiella (Saunders) pink bollworm
	Uruguay UCR	CA Riverside 8640e A 1 Aug to Sep	UCR-EFL-82-0014 UCR	SAME
	Uruguay UCR	CA Tulare 650e A 1 Jun	UCR-EFL-82-0004 UCR	Amyelois transitella (Walker) navel orangeworm

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Grypocentrus albipes Ruthe Hymenoptera Ichneumonidae	Austria CIBCES CIBCESAU/LH CIBCESAU/EA	NJ Burlington 15 A 1 Jul	BIRL-82-0182 BIRL Taylor, P B Short, J A	Fenusa pusilla (Lepeletier) birch leafminer
	Austria CIBCES CIBCESAU/LH CIBCESAU/EA	PA Monroe 253 A 1 May	BIRL-82-0181 BIRL Fuester, R W	SAME
Habrolepis sp. Hymenoptera Encyrtidae	Ethiopia UCR	CA Imperial 150e A 1 Apr to Jun	UCR-RFL-82-0011 UCR	Aonidiella aurantii (Maskell) California red scale
	Ethiopia UCR	CA Imperial 100e A 1 May to Jun	UCR-RFL-82-0028 UCR	SAME
	Ethiopia UCR	CA Orange 100e A 1 Jan to Apr	UCR-RFL-82-0004 UCR	SAME
	Ethiopia UCR	CA Orange 50 A 1 Mar	UCR-RFL-82-0010 UCR	SAME
	Ethiopia UCR	CA Riverside 120e A 1 Jan to Jun	UCR-RFL-82-0002 UCR	SAME
	Ethiopia UCR	CA Riverside 100e A 1 Apr to May	UCR-RFL-82-0017 UCR	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Habrolepis sp. Hymenoptera Encyrtidae	Ethiopia UCR	CA Tulare 50e A 1 May	UCR-RFL-82-0021-1 UCR	Aonidiella aurantii (Maskell) California red scale
	Ethiopia UCR	CA Tulare 40e A 1 May	UCR-RFL-82-0022-1 UCR	SAME
	Ethiopia UCR	CA Tulare 100e A 1 Jun	UCR-RFL-82-0021-2 UCR	SAME
	Ethiopia UCR	CA Tulare 50e A 1 Jun	UCR-RFL-82-0022-2 UCR	SAME
	Ethiopia UCR	CA Ventura 100e A 1 Apr to May	UCR-RFL-82-0019 UCR	SAME
	Ethiopia UCR	CA Ventura 100e A 1 Apr to May	UCR-RFL-82-0020 UCR	SAME
Halticoptera patellana (Dalman) Hymenoptera Pteromalidae	USA CA HDA HDA/RMB	HI Hawaii 150e A 2 Jun	HDA-KTM-82-0038 HDAH Yoshioka, E R	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Honolulu 300 A 1 Feb	HDA-KTM-82-0008 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Halticoptera patellana (Dalman) Hymenoptera Pteromalidae	USA CA HDA HDA/RMB	HI Honolulu 300 A 1 Dec	HDA-KTM-82-0092 HDA Murai, K T	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 300e A 1 May	HDA-KTM-82-0027 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 300e A 1 Jun	HDA-KTM-82-0037 HDA Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 300e A 1 Jul	HDA-KTM-82-0048 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Halticoptera patellana (Dalman) Hymenoptera Pteromalidae	USA CA HDA HDA/RMB	HI Maui 1850e A 1 Aug to Oct	HDA-KTM-82-0058 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 1175e A 2 Nov	HDA-KTM-82-0081 HDA Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA CA HDA HDA/RMB	HI Maui 250e A 1 Dec	HDA-KTM-82-0093 HDAM Miyahira, N	SAME Liriomyza sativae Blanchard vegetable leafminer
Harmonia axyridis (Pallas) Coleoptera Coccinellidae	USSR, Russian SFSR URAIPQ/VNK	MD Prince Georges 150e E 1 Jun to Aug NOTE: 023, 024	BIRL-82-0107 BIIL Schroder, R F W	N/A NOTE: 024
	Japan BIRL	WA Yakima 12063 L 1 May to Jul	YARL-REF-82-0002 YARL Fye, R E	Psylla pyricola Förster pear psylla

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Harmonia conformis (Boisduval) Coleoptera Coccinellidae	Australia UCB	WA Yakima 826 A,L 1 May to Jun	YARL-REF-82-0003 YARL Fye, R E	Psylla pyricola Förster pear psylla
Hexamermis sp. Enoplida Mermithidae	Peru BIIL BIIL/RFWS PEUNSA/AA	MD Prince Georges 25e A,J 1 Feb NOTE: 022	BIRL-82-0007 BIIL NL Schroder, R F W Nickle, W R	Diabrotica undecimpunctata howardi Barber southern corn rootworm other test hosts; see NOTE: 022
Holcothorax testaceipes (Ratzeburg) Hymenoptera Encyrtidae	Japan, Honshu JAAAES/NS	MA Franklin ? e A 1 Jul NOTE: 096	BIRL-82-0130 UMA Van Driesche, R	Phyllonorycter crataegella (Clemens) apple blotch leafminer
	Japan, Honshu JAAAES/NS	MA Franklin ? e A 1 Jul NOTE: 096	BIRL-82-0141 UMA Van Driesche, R	SAME
Hyperaspis senegalensis hottentotta Mulsant Coleoptera Coccinellidae	South Africa UCB	CA Sacramento 150e A ? Jul	UCB-KSH-82-0032 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Hyperaspis senegalensis hottentotta Mulsant Coleoptera Coccinellidae	South Africa UCB	CA San Diego 1600e A ? Sep to Dec	UCB-KSH-82-0058 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale Pulvinaria delotti Gill --
	South Africa UCB	CA San Luis Obispo 702e A ? Feb to Jun	UCB-KSH-82-0011 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale
	South Africa UCB	CA San Luis Obispo 125e A ? Jul	UCB-KSH-82-0041 UCB	SAME
	South Africa UCB	CA Santa Barbara 1025e A ? Feb to Jun	UCB-KSH-82-0010 UCB	SAME
	South Africa UCB	CA Santa Barbara 100e A ? Jul	UCB-KSH-82-0046 UCB	SAME
	South Africa UCB	CA Santa Cruz 150e A ? Sep	UCB-KSH-82-0062 UCB	Pulvinaria delotti Gill -- Pulvinariella mesembryanthemi (Vallot) ice plant scale
	South Africa UCB	CA Ventura 392e A ? Feb to Jun	UCB-KSH-82-0012 UCB	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Hyperaspis senegalensis hottentotta Mulsant Coleoptera Coccinellidae	South Africa UCB	CA Ventura 200e A ? Sep	UCB-KSH-82-0053 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale
Hyposoter lymantriae Cushman Hymenoptera Ichneumonidae	India CIBCIS/GR	NJ Morris 100 A 1 Jul	BIRL-82-0125 NJDA Mina, P J	Lymantria dispar (Linnaeus) gypsy moth
	India CIBCIS/GR	NJ Morris 102 A 1 Jul	BIRL-82-0137 NJDA Mina, P J	SAME
Iphiseius degenerans (Berlese) Parasitiformes Phytoseiidae	Italy UCR	CA Orange 1600e A,N 1 Apr	UCR-JAM-82-0027 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite
	Italy UCR	CA San Diego 2100e A,N 1 Jun	UCR-JAM-82-0037 UCR Johnson, H G	Oligonychus punicae (Hirst) avocado brown mite
	Morocco UCR UCR/JAM	CA San Diego 200e A,N 1 Oct	UCR-JAM-82-0065 UCR Johnson, H G	Panonychus citri McGregor citrus red mite
	Italy UCR	CA Santa Barbara 500e A,N 1 Jan	UCR-JAM-82-0005 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Iphiseius degenerans (Berlese) Parasitiformes Phytoseiidae	Italy UCR	CA Santa Barbara 1000e A,N 1 Mar	UCR-JAM-82-0012 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite
Larra bicolor Fabricius Hymenoptera Sphecidae	USA-PR UFG/JLC	FL Alachua 10 A 1 Jun	FBCL-82-2011 UFG Sailer, R I	Scapteriscus vicinus Scudder tawny mole cricket Scapteriscus borellii Giglio-Tos southern mole cricket
	USA-PR UFG/JLC, WGH	FL Broward 22 A 1 May	FBCL-82-0009 UFG Sailer, R I	SAME Scapteriscus vicinus Scudder tawny mole cricket
	USA-PR UFG/JLC	FL Manatee 27 A 1 May	FBCL-82-0010 UFG UFB Sailer, R I Schuster, D J	SAME Scapteriscus borellii Giglio-Tos southern mole cricket
	USA-PR UFG/JLC	FL Manatee 30 A 1 Jun	FBCL-82-1011 UFG UFB Castner, J L Schuster, D J	SAME Scapteriscus vicinus Scudder tawny mole cricket

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Lathrolestes nigricollis (Thomson) Hymenoptera Ichneumonidae	Austria Czechoslovakia CIBCES CIBCESAU/EA CIBCESAU/LH	NJ Burlington 305 A 1 May to Jul	BIRL-82-0183 BIRL Taylor, P B Short, J A	Fenusa pusilla (Lepeletier) birch leafminer
	Austria Czechoslovakia CIBCES CIBCESAU/EA CIBCESAU/LH	NJ Burlington 92 A 1 Jul	BIRL-82-0192 BIRL Taylor, P B	SAME
Lophyroplectus oblongopunctatus (Hartig) Hymenoptera Ichneumonidae	WI, Walworth WIDNR/DJH	WI Dane 174 A 1 May NOTE: 110	WIDNR-DJH-82-0001-1 WIDNR Hall, D J	Neodiprion sertifer (Geoffroy) European pine sawfly
	WI, Walworth WIDNR/DJH	WI Grant 350 A 1 May NOTE: 110	WIDNR-DJH-82-0001-3 WIDNR Hall, D J	SAME
	WI, Walworth WIDNR/DJH	WI Waukesha 251 A 1 May NOTE: 110	WIDNR-DJH-82-0001-2 WIDNR Hall, D J	SAME
Menochilus quadriplagiatus (Swartz) Coleoptera Coccinellidae	Hong Kong BIRL	WA Yakima 11595 L 1 May to Jul	YARL-REF-82-0001 YARL Fye, R E	Psylla pyricola Förster pear psylla
Metaphycus funicularis Annecke Hymenoptera Encyrtidae	South Africa UCB	CA Sacramento 650e A ? Jul	UCB-KSH-82-0033 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Metaphycus funicularis Annecke Hymenoptera Encyrtidae	South Africa UCB	CA San Diego 4300e A ? Sep to Dec	UCB-KSH-82-0059 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale Pulvinaria delotti Gill --
	South Africa UCB	CA San Luis Obispo 18560e A ? Jan to Jun	UCB-KSH-82-0007 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale
	South Africa UCB	CA San Luis Obispo 500e A ? Jul	UCB-KSH-82-0042 UCB	SAME
	South Africa UCB	CA Santa Barbara 17700e A ? Feb to Jun	UCB-KSH-82-0009 UCB	SAME
	South Africa UCB	CA Santa Barbara 500e A ? Jul	UCB-KSH-82-0047 UCB	SAME
	South Africa UCB	CA Santa Cruz 1000e A ? Sep	UCB-KSH-82-0063 UCB	Pulvinaria delotti Gill -- Pulvinariella mesembryanthemi (Vallot) ice plant scale
	South Africa UCB	CA Ventura 16800e A ? Jan to Jun	UCB-KSH-82-0001 UCB	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Metaphycus funicularis Annecke Hymenoptera Encyrtidae	South Africa UCB	CA Ventura 400e A ? Sep	UCB-KSH-82-0054 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale
Metaphycus stramineus (Compere) Hymenoptera Encyrtidae	South Africa UCB	CA Sacramento 850e A ? Jul	UCB-KSH-82-0034 UCB	SAME
	South Africa UCB	CA San Diego 1100e A ? Nov	UCB-KSH-82-0067 UCB	Pulvinaria delotti Gill -- Pulvinariella mesembryanthemi (Vallot) ice plant scale
	South Africa UCB	CA San Luis Obispo 9770e A ? Mar to Jun	UCB-KSH-82-0015 UCB	SAME
	South Africa UCB	CA Santa Barbara 6200e A ? Mar to Jun	UCB-KSH-82-0013 UCB	SAME
	South Africa UCB	CA Santa Barbara 750e A ? Jul	UCB-KSH-82-0048 UCB	SAME
	South Africa UCB	CA Santa Cruz 500e A ? Sep	UCB-KSH-82-0064 UCB	Pulvinaria delotti Gill -- Pulvinariella mesembryanthemi (Vallot) ice plant scale

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Metaphycus stramineus (Compere) Hymenoptera Encyrtidae	South Africa UCB	CA Ventura 9550e A ? Jan to Jun	UCB-KSH-82-0002 UCB	Pulvinariella mesembryanthemi (Vallot) ice plant scale
Meteorus pulchricornis (Wesmael) Hymenoptera Braconidae	Europe NJDA BIRL NJDA BIRL	VA Accomack 400e A ? Apr to Jun NOTE: 137	VADACS-JRT-82-0004-1 VADACSVB	potential alternate lepidopterous hosts See Note 137
	Europe NJDA BIRL NJDA BIRL	VA Accomack 500e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0010-1 VADACSVB	SAME
	Europe NJDA BIRL NJDA BIRL	VA Alexandria 567e A ? Jul to Sep	VADACS-JRT-82-0011-1 VADACSW Morris, B	Lymantria dispar (Linnaeus) gypsy moth
	Europe NJDA BIRL NJDA BIRL	VA Arlington 622e A ? Jul to Sep	VADACS-JRT-82-0011-2 VADACSW Morris, B	SAME
	Europe NJDA BIRL NJDA BIRL	VA Chesapeake 1800e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0010-2 VADACSVB	potential alternate lepidopterous hosts See Note 137
	Europe NJDA BIRL NJDA BIRL	VA Chesterfield 219e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0012-1 VADACS	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Meteorus pulchricornis (Wesmael) Hymenoptera Braconidae	Europe NJDA BIRL NJDA BIRL	VA Clarke 228e A ? Jul to Sep	VADACS-JRT-82-0011-3 VADACSW Morris, B	Lymantria dispar (Linnaeus) gypsy moth
	Europe NJDA BIRL NJDA BIRL	VA Fairfax 3048e A ? Apr to Jun	VADACS-JRT-82-0005 VADACSW Morris, B	SAME
	Europe NJDA BIRL NJDA BIRL	VA Fairfax 1729e A ? Jul to Sep	VADACS-JRT-82-0011-4 VADACSW Morris, B	SAME
	Europe NJDA BIRL NJDA BIRL	VA Hanover 872e A ? Apr to Jun NOTE: 137	VADACS-JRT-82-0006-1 VADACS	potential alternate lepidopterous hosts See Note 137
	Europe NJDA BIRL NJDA BIRL	VA Hanover 613e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0012-2 VADACS	SAME
	Europe NJDA BIRL NJDA BIRL	VA Loudoun 330e A ? Jul to Sep	VADACS-JRT-82-0011-5 VADACSW Morris, B	Lymantria dispar (Linnaeus) gypsy moth
	Europe NJDA BIRL NJDA BIRL	VA Lunenburg 260e A ? Apr to Jun NOTE: 137	VADACS-JRT-82-0006-2 VADACS	potential alternate lepidopterous hosts See Note 137

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Meteorus pulchricornis (Wesmael) Hymenoptera Braconidae	Europe NJDA BIRL NJDA BIRL	VA Norfolk 100e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0010-3 VADACSVB	potential alternate lepidopterous hosts See Note 137
	Europe NJDA BIRL NJDA BIRL	VA Prince William 268e A ? Jul to Sep	VADACS-JRT-82-0011-6 VADACSW Morris, B	Lymantria dispar (Linnaeus) gypsy moth
	Europe NJDA BIRL NJDA BIRL	VA Virginia Beach 300e A ? Apr to Jun NOTE: 137	VADACS-JRT-82-0004-2 VADACSVB	potential alternate lepidopterous hosts See Note 137
	Europe NJDA BIRL NJDA BIRL	VA Virginia Beach 872e A ? Jul to Sep NOTE: 137	VADACS-JRT-82-0010-4 VADACSVB	SAME
Microcharops bimaculata (Ashmead) Hymenoptera Ichneumonidae	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 10 A 1 Apr	SRQF-82-0025 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 21 A 1 Apr	SRQF-82-0030 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 50 A 1 May	SRQF-82-0035 UFH Waddill, V H	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microcharops bimaculata (Ashmead) Hymenoptera Ichneumonidae	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 40 A 1 May	SRQF-82-0042 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar
	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 60 A 1 May	SRQF-82-0054 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 38 A 1 May	SRQF-82-0060 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 50 A 1 Jun	SRQF-82-0085 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 50 A 1 Jun	SRQF-82-0086 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 289 A 1 Jul	SRQF-82-0122 UFH Waddill, V H	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microcharops bimaculata (Ashmead) Hymenoptera Ichneumonidae	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 320 A 1 Jul	SRQF-82-0125 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 474e A 1 Jul	SRQF-82-0130 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 160 A 1 Aug	SRQF-82-0132 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 320 A 1 Aug	SRQF-82-0133 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 198 A 1 Aug	SRQF-82-0139 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 217 A 1 Sep	SRQF-82-0144 UFH Waddill, V H	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microcharops bimaculata (Ashmead) Hymenoptera Ichneumonidae	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 130 A 1 Sep	SRQF-82-0145 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 152 A 1 Sep	SRQF-82-0146 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 143 A 1 Sep	SRQF-82-0148 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 337 A 1 Sep	SRQF-82-0149 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 261 A 1 Sep	SRQF-82-0151 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 261 A 1 Sep	SRQF-82-0159 UFH Waddill, V H	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microcharops bimaculata (Ashmead) Hymenoptera Ichneumonidae	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 197 A 1 Oct	SRQF-82-0161 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 141 A 1 Oct	SRQF-82-0162 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 418 A 1 Oct	SRQF-82-0164 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 311 A 1 Oct	SRQF-82-0167 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Dade 187 A 1 Oct	SRQF-82-0172 UFH Waddill, V H	SAME
	Costa Rica SCCU/BMS, GRC SCCU UFH/VHW SCCU/BMS	FL Dade 205 A 1 Oct	SRQF-82-0174 UFH Waddill, V H	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microcharops bimaculata (Ashmead) Hymenoptera Ichneumonidae	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	FL Palm Beach 60 A 1 May	SRQF-82-0034 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar
	Costa Rica SCCU/BMS, GRC SCCU SCCU/GRC UFH/VHW SCCU/BMS	MS Washington 200 A 1 Jul	SRQF-82-0181 SRQF Powell, J E	SAME
Microctonus aethiopoides Loan Hymenoptera Braconidae	KY, Oldham Co PPQ/	AR Pulaski 828e PHA 2 Mar	PPQNMI-TLB-82-0009 PPQSCIII Wright, M	Hypera postica (Gyllenhal) alfalfa weevil
	USA-MI,IA,MO PPQNMI PPQ/	CA Fresno 375 A 2 Jun	UCB-82-0008 UCB Etzel, L K Quezada, J	SAME Hypera brunnipennis (Boheman) Egyptian alfalfa weevil
	MI, Berrien Co PPQNMI/MDB	IA Adair 882e PHA 2 May	PPQNMI-TLB-82-0063 PPQSCIV Harri, J A	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNMI/MDB	IA Carroll 882e PHA 1 May	PPQNMI-TLB-82-0076-7 PPQSCIV Wallerich, G E	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microctonus aethiopoides Loan Hymenoptera Braconidae	MI, Berrien C0 PPQNMI/MDB	IA Clarke 588e PHA 1 May	PPQNMI-TLB-82-0061 IADA Stoltenow, C R	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNMI/MDB	IA Clarke 294e PHA 1 May	PPQNMI-TLB-82-0075 IADA Stoltenow, C R	SAME
	MI, Berrien Co PPQNMI/MDB	IA Crawford 882e PHA 3 May	PPQNMI-TLB-82-0092 IADA Carlson, C E	SAME
	MI, Berrien Co PPQNMI/MDB	IA Dallas 882e PHA 3 May	PPQNMI-TLB-82-0069 IADA Stoltenow, C R	SAME
	MI, Berrien Co PPQNMI/MDB	IA Harrison 882e PHA 2 May	PPQNMI-TLB-82-0092 IADA Carlson, C E	SAME
	MI, Berrien Co PPQNMI/MDB	IA Jasper 882e PHA 3 May	PPQNMI-TLB-82-0066 IADA Carlson, C E	SAME
	MI, Berrien Co PPQNMI/MDB	IA Marshall 882e PHA 3 May	PPQNMI-TLB-82-0085 PPQSCIV Wallerich, G E	SAME
	MI, Berrien Co PPQNMI/MDB	IA Monroe 882e PHA 3 May	PPQNMI-TLB-82-0076 PPQSCIV Wallerich, G E	SAME
	MI, Berrien Co PPQNMI/MDB	IA Montgomery 588e PHA 1 May	PPQNMI-TLB-82-0101-1 PPQSCIV Crouch, J	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microctonus aethiopoides Loan Hymenoptera Braconidae	MI, Berrien Co PPQNMI/MDB	IA Pottawattamie 294e PHA 1 May	PPQNMI-TLB-82-0101-2 PPQSCIV Crouch, J	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNMI/MDB	IA Warren 882e PHA 3 May	PPQNMI-TLB-82-0072 IADA Carlson, C E	SAME
	MI, Berrien Co PPQNMI/MDB	IA Wayne 882e PHA 3 May	PPQNMI-TLB-82-0076 PPQSCIV Wallerich, G E	SAME
	MI, Berrien Co PPQNMI/MDB	IA Webster 882e PHA 3 May	PPQNMI-TLB-82-0085 PPQSCIV Wallerich, G E	SAME
	MI, Berrien Co PPQNMI/MDB	IA Woodbury 882e PHA 3 May	PPQNMI-TLB-82-0092 IADA Carlson, C E	SAME
	Morocco EPL/HH	ID Nez Perce 17 A 1 Jun	BIRL-82-0093 UID Schotzko, D J	Sitona lineatus (Linnaeus) pea leaf weevil
	Morocco EPL/HH	ID Nez Perce 53e PHA 1 Jun	BIRL-82-0095 UID Schotzko, D J	SAME
	MI, Berrien Co PPQNMI/MDB	KS Atchison 294e PHA 1 May	PPQNMI-TLB-82-0055 KSSBA Hilbert, B	Hypera postica (Gyllenhal) alfalfa weevil

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microctonus aethiopoides Loan Hymenoptera Braconidae	MI, Berrien Co PPQNMI/MDB	KS Cherokee 294e PHA 1 May	PPQNMI-TLB-82-0049-3 KSSBABC White, S C	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co PPQNMI/MDB	KS Comanche 294e PHA 1 May	PPQNMI-TLB-82-0057-1 KSSBAG Salsbury, G A	SAME
	MI, Berrien Co PPQNMI/MDB	KS Dickinson 294e PHA 1 May	PPQNMI-TLB-82-0052-1 PPQSCIV Porterfield, L D	SAME
	MI, Berrien Co PPQNMI/MDB	KS Greenwood 294e PHA 1 May	PPQNMI-TLB-82-0049-1 KSSBABC White, S C	SAME
	KY, Oldham Co PPQ/	KS Jefferson 1220e PHA 1 May	PPQNMI-TLB-82-0044 KSSBA Hilbert, B	SAME
	MI, Berrien Co PPQNMI/MDB	KS Montgomery 294e PHA 1 May	PPQNMI-TLB-82-0049-2 KSSBABC White, S C	SAME
	MI, Berrien Co PPQNMI/MDB	KS Osborne 294e PHA 1 May	PPQNMI-TLB-82-0052-3 PPQSCIV Porterfield, L D	SAME
	MI, Berrien Co PPQNMI/MDB	KS Russell 294e PHA 1 May	PPQNMI-TLB-82-0052-2 PPQSCIV Porterfield, L D	SAME
	MI, Berrien Co PPQNMI/MDB	KS Sedgwick 294e PHA 1 May	PPQNMI-TLB-82-0057-2 KSSBAG Salsbury, G A	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microctonus aethiopoides Loan Hymenoptera Braconidae	MI, Berrien Co PPQNMI/MDB	KS Shawnee 294e PHA 1 May	PPQNMI-TLB-82-0056 PPQSCIV Mitchell, V	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Cass Co PPQNMI/MDB	ND McKenzie 450e PHA 2 Jun	PPQNMI-TLB-82-2107 NDDA Brandvik, W J	SAME
	MI, Cass Co PPQNMI/MDB	NE Gage 1796e PHA 1 May	PPQNMI-TLB-82-0047 PPQSCIV Stuefer-Powell, C L	SAME
	MI, Cass Co PPQNMI/MDB	OK Beckham 1404e PHA 1 May	PPQNMI-TLB-82-0048-1 PPQSCII Thomas, J H	SAME
	MI, Cass Co PPQNMI/MDB	OK Woodward 1385e PHA 1 May	PPQNMI-TLB-82-0048-2 PPQSCII Thomas, J H	SAME
	KY, Oldham Co PPQ/	SC Newberry 196e PHA 1 Mar	PPQNMI-TLB-82-0014 PPQSEIV King, J L	SAME
	KY, Oldham Co PPQ/	SC Orangeburg 818e PHA 1 Mar	PPQNMI-TLB-82-0011 PPQSEIV Langford, P	SAME
	MI, Cass Co PPQNMI/MDB	SD Bennett 225e PHA 1 Jun	PPQNMI-TLB-82-1107-2 PPQWV Tucker, D	SAME
	MI, Cass Co PPQNMI/MDB	SD Fall River 225e PHA 1 Jun	PPQNMI-TLB-82-1107-1 PPQWV Tucker, D	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microctonus colesi Drea Hymenoptera Braconidae	KY IN PPQ/	AR ? e PHA&-L ? Mar to May NOTE: 078	PPQNMI-TLB-82-4001	Hypera postica (Gyllenhal) alfalfa weevil
	MI, Berrien Co MI, Cass Co PPQNMI/	IA ? e PHA&-L ? May NOTE: 078	PPQNMI-TLB-82-4006	SAME
	KY IN PPQ/	IL ? e PHL ? May NOTE: 078	PPQNMI-TLB-82-4021	SAME
	KY IN MI PPQ/	IN ? e PHL ? May NOTE: 078	PPQNMI-TLB-82-4025	SAME
	KY MI IN PPQ/	KS ? e PHA&-L ? May NOTE: 078	PPQNMI-TLB-82-4003	SAME
	KY, Oldham Co PPQ/	KY ? e PHL ? Apr to May NOTE: 078	PPQNMI-TLB-82-4011	SAME
	MI, Cass Co PPQNMI/	MI ? e PHL ? May NOTE: 078	PPQNMI-TLB-82-4033	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microctonus colesi Drea Hymenoptera Braconidae	KY IN PPQ/	MO ? e PHL ? May NOTE: 078	PPQNMI-TLB-82-4018	Hypera postica (Gyllenhal) alfalfa weevil
	KY IN PPQ/	NC ? e PHL ? Apr to May NOTE: 078	PPQNMI-TLB-82-4014	SAME
	MI, Cass Co PPQ/	ND ? e PHA&-L ? Jun NOTE: 078	PPQNMI-TLB-82-4007	SAME
	MI KY IN PPQ/	NE ? e PHA&-L ? May NOTE: 078	PPQNMI-TLB-82-4004	SAME
	MI, Cass Co PPQNMI/	OH ? e PHL ? May NOTE: 078	PPQNMI-TLB-82-4031	SAME
	MI KY IN PPQ/	OK ? e PHA&-L ? Apr to May NOTE: 078	PPQNMI-TLB-82-4005	SAME
	KY IN PPQ/	SC ? e PHA&-L ? Mar to Apr NOTE: 078	PPQNMI-TLB-82-4002	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microctonus colesi Drea Hymenoptera Braconidae	MI, Cass Co PPQ/	SD ? e PHA&-L ? Jun NOTE: 078	PPQNMI-TLB-82-4008	Hypera postica (Gyllenhal) alfalfa weevil
	KY IN PPQ/	TN ? e PHL ? Apr to May NOTE: 078	PPQNMI-TLB-82-4009	SAME
	MI, Cass Co MI, Berrien Co PPQNMI/	WI ? e PHL ? May to Jun NOTE: 078	PPQNMI-TLB-82-4029	SAME
	KY, Oldham Co PPQ/	WV ? e PHL ? May NOTE: 078	PPQNMI-TLB-82-4023	SAME
Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SCCU SCCU/BMS CSIROSL/RJL	AR Ashley 969 C,A 2 Jul	SRQF-82-0177 SRQF SFCIML Powell, J E King, E G	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	AR Ashley 628 C,A 1 Jul	SRQF-82-0178 SRQF SFCIML Powell, J E King, E G	SAME Heliothis virescens (Fabricius) tobacco budworm

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SCCU SCCU/BMS CSIROSL/RJL	AR Ashley 411 C 1 Jul	SRQF-82-0179 SRQF Powell, J E	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	AR Ashley 400 C 1 Jul	SRQF-82-0180 SRQF Powell, J E	SAME Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	AR Ashley 1200 C,A 1 Jul	SRQF-82-0182 SRQF SFCIML Powell, J E King, E G	SAME Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	AR Ashley 725 C,A 1 Aug	SRQF-82-0184 SRQF SFCIML Powell, J E King, E G	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SCCU SCCU/BMS CSIROSL/RJL	AR Ashley 647 C 1 Aug	SRQF-82-0185 SRQF SFCIML Powell, J E Ginn, S B	Helicoverpa zea (Boddie) corn earworm, bollworm Heliothis virescens (Fabricius) tobacco budworm
	Australia SRQF SCCU SCCU/BMS CSIROSL/RJL	LA Tangipahoa 100e A 1 Sep	LSU-DJB-82-0006 LSU Boethel, D J	Pseudoplusia includens (Walker) soybean looper Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SRQF SCCU SCCU/BMS CSIROSL/RJL	MS Washington 841 A,C 1 Apr	SFCIML-WAJ-82-0001 SFCIML Jones, W A	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SRQF SCCU SCCU/BMS CSIROSL/RJL	MS Washington 2140 A,C 1 May	SFCIML-WAJ-82-0002 SFCIML Jones, W A	SAME Heliothis virescens (Fabricius) tobacco budworm

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SRQF SCCU SCCU/BMS CSIROSL/RJL	MS Washington 1616 C 3 Jun	SFCIML-WAJ-82-0003 SFCIML Jones, W A	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SRQF SCCU SCCU/BMS CSIROSL/RJL	MS Washington 7086 C 3 Jul	SFCIML-WAJ-82-0004 SFCIML Jones, W A	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SRQF SCCU SCCU/BMS CSIROSL/RJL	MS Washington 670 A,C 1 Aug	SFCIML-WAJ-82-0005 SFCIML Jones, W A	Pseudoplusia includens (Walker) soybean looper Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 500 C,A 1 Aug	SRQF-82-0183 SRQF SFCIML Powell, J E Ginn, S B	Helicoverpa zea (Boddie) corn earworm, bollworm Heliothis virescens (Fabricius) tobacco budworm

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 325 C 1 Aug	SRQF-82-0186 SRQF SFCIML Powell, J E Ford, R L	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 616 C 1 Aug	SRQF-82-0187 SRQF Powell, J E	SAME Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 758 C,A 1 Aug	SRQF-82-0188 SRQF Powell, J E	SAME Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 759 C,A 1 Aug	SRQF-82-0189 SFCIML Ginn, S B Ford, R L	SAME Heliothis virescens (Fabricius) tobacco budworm

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 493 C Aug	1	SRQF-82-0190 SRQF SFCIML Powell, J E Ginn, S B	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SRQF SCCU SCCU/BMS CSIROSL/RJL	MS Washington 5552 A,C Sep	3	SFCIML-WAJ-82-0006 SFCIML Jones, W A	Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 425 C Sep	1	SRQF-82-0191 SFCIML Ginn, S B Ford, R L	Helicoverpa zea (Boddie) corn earworm, bollworm Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 200 C,A Sep	1	SRQF-82-0192 SRQF SFCIML Powell, J E Ginn, S B	SAME Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 542 C,A Sep	1	SRQF-82-0193 SFCIML Ginn, S B Ford, R L	SAME Heliothis virescens (Fabricius) tobacco budworm

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 704 C 1 Sep	SRQF-82-0194 SFCIML Ginn, S B Ford, R L	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 567 C,A 1 Sep	SRQF-82-0195 SRQF SFCIML Powell, J E Ginn, S B	SAME Heliothis virescens (Fabricius) tobacco budworm
	Australia SRQF SCCU SCCU/BMS CSIROSL/RJL	MS Washington 1000 A,C 1 Oct	SFCIML-WAJ-82-0007 SFCIML Jones, W A	SAME Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 600e A 1 Oct	SRQF-82-0196 SRQF SFCIML Powell, J E Ford, R L	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SCCU SCCU/BMS CSIROSL/RJL	MS Washington 400e A 1 Oct	SRQF-82-0197 SRQF SFCIML Powell, J E Ford, R L	Helicoverpa zea (Boddie) corn earworm, bollworm Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 25 A 1 May NOTE: 041	SRQF-82-0036 SECPRU Roach, S H	Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 50 A 1 May NOTE: 041	SRQF-82-0040 SECPRU Roach, S H	SAME
	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 10 A 1 May NOTE: 041	SRQF-82-0049 SECPRU Roach, S H	SAME Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 23 A 1 May NOTE: 041	SRQF-82-0050 SECPRU Roach, S H	Helicoverpa zea (Boddie) corn earworm, bollworm Heliothis virescens (Fabricius) tobacco budworm

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 10 A 1 May NOTE: 041	SRQF-82-0051 SECPRU Roach, S H	Helicoverpa zea (Boddie) corn earworm, bollworm Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 22 A 1 Jul NOTE: 041	SRQF-82-0112 SECPRU Roach, S H	Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 20 A 1 Jul NOTE: 041	SRQF-82-0123 SECPRU Roach, S H	SAME Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 20 A 1 Jul NOTE: 041	SRQF-82-0128 SECPRU Roach, S H	SAME Helicoverpa zea (Boddie) corn earworm, bollworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 96 A 1 Sep	SRQF-82-0154 SECPRU Roach, S H	SAME Heliothis virescens (Fabricius) tobacco budworm

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Microplitis demolitor (Wilkinson) Hymenoptera Braconidae	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 98 A 1 Oct NOTE: 041	SRQF-82-0171 SECPRU Roach, S H	Helicoverpa zea (Boddie) corn earworm, bollworm Heliothis virescens (Fabricius) tobacco budworm
	Australia SCCU SCCU/BMS CSIROSL/RJL	SC Darlington 420 A 1 Nov NOTE: 041	SRQF-82-0176 SECPRU Roach, S H	Helicoverpa zea (Boddie) corn earworm, bollworm Heliothis virescens (Fabricius) tobacco budworm
Microplitis manilae (Ashmead) Hymenoptera Braconidae	Thailand SCCU SCCU/BMS THDA/PS THKKU/MK	FL Dade 5000e A 1 Apr to May	UFH-VHW-82-0003 UFH Waddill, V H	Spodoptera frugiperda (J.E.Smith) fall armyworm Spodoptera spp.
Neoseiulus californicus (McGregor) Parasitiformes Phytoseiidae	USA, CA UHI HDA	HI Honolulu 300e A,N 4 Sep	HDA-KTM-82-0061 HDA Murai, K T	Tetranychus cinnabarinus (Boisduval) carmine spider mite
	USA, CA UHI HDA	HI Honolulu 700e A,N 2 Oct	HDA-KTM-82-0070 HDA Murai, K T	SAME
	USA, CA UHI HDA	HI Honolulu 900e A,N 1 Nov	HDA-KTM-82-0075 HDA Murai, K T	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Neoseiulus californicus (McGregor) Parasitiformes Phytoseiidae	USA, CA UHI HDA	HI Honolulu 2200 A 1 Dec	HDA-KTM-82-0084 HDA Murai, K T	Tetranychus cinnabarinus (Boisduval) carmine spider mite
Nephaspis oculata (Blatchley) Coleoptera Coccinellidae	USA-HI HDA/	FL Broward 600 A 1 Aug	FBCL-82-0018 UFG UFFL Sailer, R I Thompson, C R	Aleurodicus dispersus Russell spiraling whitefly
	USA-HI HDA/	FL Dade 300 A 1 Aug	FBCL-82-0019 UFG UFFL Sailer, R I Thompson, C R	SAME
	USA-HI HDA/	FL Dade 300 A 1 Aug	FBCL-82-0020 UFG UFFL Sailer, R I Thompson, C R	SAME
	HI, Honolulu HDA/BRK	HI Hawaii 1500 A 1 Apr	HDA-BRK-82-0019 HDAH Yoshioka, E R	SAME
	HI, Hawaii HDAH/ERY	HI Hawaii 250 A 1 Apr	HDAH-ERY-82-0004 HDAH Yoshioka, E R	SAME
	HI, Hawaii HDAH/ERY	HI Hawaii ? e A 1 Jun	HDAH-ERY-82-0007 HDAH Yoshioka, E R	SAME
	HI, Hawaii HDAH/ERY	HI Hawaii 450e A 1 Jul	HDAH-ERY-82-0010 HDAH Yoshioka, E R	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Nephaspis oculata (Blatchley) Coleoptera Coccinellidae	HI, Hawaii HDAH/ERY	HI Hawaii 50 A 1 Aug	HDAH-ERY-82-0011 HDAH Yoshioka, E R	Aleurodicus dispersus Russell spiraling whitefly
	HI, Hawaii HDAH/ERY	HI Hawaii 100 A 1 Sep	HDAH-ERY-82-0013 HDAH Yoshioka, E R	SAME
	HI, Honolulu HDA/BRK	HI Honolulu 1060 A 1 Jan	HDA-BRK-82-0001 HDA Kumashiro, B R	SAME
	HI, Honolulu HDA/BRK	HI Honolulu 25 A 1 Oct	HDA-BRK-82-0037 HDA Kumashiro, B R	SAME
	HI, Kauai HDAK/DTS	HI Kauai ? e A ? Jan NOTE: 036	HDAK-DTS-82-0001 HDAK Sugawa, D T	SAME
	HI, Kauai HDAK/DTS	HI Kauai 100e A 1 Mar	HDAK-DTS-82-0002 HDAK Sugawa, D T	SAME
	HI, Kauai HDAK/DTS	HI Kauai ? e A ? Jul to Oct	HDAK-DTS-82-0003 HDAK Sugawa, D T	SAME
	HI, Honolulu HDA/BRK	HI Maui 2800 A 4 Jan	HDA-BRK-82-0002 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/BRK	HI Maui 3000 A 4 Feb	HDA-BRK-82-0008 HDAM Miyahira, N	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Nephaspis oculata (Blatchley) Coleoptera Coccinellidae	HI, Honolulu HDA/BRK	HI Maui 3000 A ? Mar NOTE: 036	HDA-BRK-82-0013 HDAM Miyahira, N	Aleurodicus dispersus Russell spiraling whitefly
	HI, Honolulu HDA/BRK	HI Maui 2000 A 4 May	HDA-BRK-82-0021 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/BRK	HI Maui 2000 A 5 Jun	HDA-BRK-82-0023 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/BRK	HI Maui 5000 A 3 Jul	HDA-BRK-82-0024 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/BRK	HI Maui 2000 A 4 Aug	HDA-BRK-82-0029 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/BRK	HI Maui 2000 A 5 Sep	HDA-BRK-82-0033 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/BRK	HI Maui 2000 A ? Oct NOTE: 036	HDA-BRK-82-0038 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/BRK	HI Maui 1900 A 4 Nov	HDA-BRK-82-0041 HDAM Miyahira, N	SAME
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 1000 A ? Jan NOTE: 036	HDA-BRK-82-0003 UHIEXT Arakaki, A	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Nephaspis oculata (Blatchley) Coleoptera Coccinellidae	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 4600 A ? Feb to Mar NOTE: 036	HDA-BRK-82-0009 UHIEXT Arakaki, A	Aleurodicus dispersus Russell spiraling whitefly
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 7000 A ? Apr to Jun NOTE: 036	HDA-BRK-82-0018 UHIEXT Arakaki, A	SAME
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 2000 A 1 Jul	HDA-BRK-82-0025 UHIEXT Arakaki, A	SAME
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 3000 A ? Aug NOTE: 036	HDA-BRK-82-0030 UHIEXT Arakaki, A	SAME
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 2000 A 3 Sep	HDA-BRK-82-0034 UHIEXT Arakaki, A	SAME
	HI, Honolulu HDA/BRK	HI Maui (Molokai I) 3300 A ? Oct to Nov NOTE: 036	HDA-BRK-82-0039 UHIEXT Arakaki, A	SAME
Oenopia conglobata (Linnaeus) Coleoptera Coccinellidae	Yugolavia UCB	WA Klickitat 266 L 1 Jul to Aug	YARL-REF-82-0005-2 YARL Fye, R E	Psylla pyricola Förster pear psylla
	Yugolavia UCB	WA Yakima 534 L 1 May to Aug	YARL-REF-82-0005-1 YARL Fye, R E	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Olesicampe benefactor Hinz Hymenoptera Ichneumonidae	PA, Juniata PABF/JWQ	PA Dauphin 54 A 1 Jun	PABF-JWQ-82-0001-2 PABF Quimby, J W	Pristiphora erichsonii (Hartig) larch sawfly
	MN, Koochiching UMN/HMK, LT	PA McKean 108 A 1 Jun	FSRTPNC-ATD-82-0001 PABF Laudermilch, G	SAME
	PA, Juniata PABF/JWQ	PA Mifflin 302 A 1 May	PABF-JWQ-82-0001-1 PABF Quimby, J W	SAME
Oomyzus gallerucae (Fonscolombe) Hymenoptera Eulophidae	Israel UCR UCR/TRU	CA Los Angeles 2800e A 1 Jul	UCR-RFL-82-0032 UCR	Pyrrhalta luteola (Müller) elm leaf beetle
	Israel UCR UCR/TRU	CA San Bernardino 577 A 1 Jun	UCR-RFL-82-0029 UCR	SAME
	Israel UCR UCR/TRU	CA San Bernardino 3500e A 1 Jul to Aug	UCR-RFL-82-0033 UCR	SAME
Oomyzus incertus (Ratzeburg) Hymenoptera Eulophidae	France BIRL EPL/DC, RCH	AR Miller 5000e A 1 Mar	PPQNMI-TLB-82-0006 PPQSCIII Pierce, K R	Hypera postica (Gyllenhal) alfalfa weevil
	France BIRL EPL/DC, RCH	AR Miller 1200e A 1 Mar	PPQNMI-TLB-82-0007 PPQSCIII Pierce, K R	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Oomyzus incertus (Ratzeburg) Hymenoptera Eulophidae	France BIRL EPL/DC, RCH	AR Miller 11940e A 1 Mar	PPQNMI-TLB-82-0017 PPQSCIII Pierce, K R	Hypera postica (Gyllenhal) alfalfa weevil
	France BIRL EPL/DC, RCH	AR Washington 11961e A 1 Mar	PPQNMI-TLB-82-0018 UAR Miner, F D	SAME
	France BIRL EPL/DC, RCH	KS Atchison 2974e A 1 Apr	PPQNMI-TLB-82-0040 KSSBA Hilbert, B	SAME
	France BIRL EPL/DC, RCH	KS Jefferson 3000e A 1 May	PPQNMI-TLB-82-0041 KSSBA Hilbert, B	SAME
	France BIRL EPL/DC, RCH	KS Montgomery 11566e A 1 Apr	PPQNMI-TLB-82-0024 KSSBABC White, S C	SAME
	France BIRL EPL/DC, RCH	KS Pratt 10990e A 1 Apr	PPQNMI-TLB-82-0034 KSSBAG Salsbury, G A	SAME
	France BIRL EPL/DC, RCH	MO Greene 12000e A 1 Apr	PPQNMI-TLB-82-0028 PPQSCIV Nichols, R W	SAME
	France BIRL EPL/DC, RCH	MO Greene 10364e A 1 Apr	PPQNMI-TLB-82-0031 PPQSCIV Nichols, R W	SAME
	France BIRL EPL/DC, RCH	ND Burleigh 1478e A 3 Jun	PPQNMI-TLB-82-0113 PPQWV Winks, L K	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Oomyzus incertus (Ratzeburg) Hymenoptera Eulophidae	France BIRL EPL/DC, RCH	ND Burleigh 3527e A 2 Jul	PPQNMI-TLB-82-0128 PPQWV Winks, L K	Hypera postica (Gyllenhal) alfalfa weevil
	France BIRL EPL/DC, RCH	ND McKenzie 2997e A 6 Jun	PPQNMI-TLB-82-0112 NDDA Brandvik, W J	SAME
	France BIRL EPL/DC, RCH	NE Deuel 2000e A 1 May	PPQNMI-TLB-82-0059 UNEEXT Sall, R	SAME
	France BIRL EPL/DC, RCH	NE Dundy 296e A 1 Jun	PPQNMI-TLB-82-1104 PPQSCIV Schade, J M	SAME
	France BIRL EPL/DC, RCH	NE Furnas 550e A 1 Jun	PPQNMI-TLB-82-2104 UNEEXT Mues, N	SAME
	France BIRL EPL/DC, RCH	NE Nuckolls 4000e A 1 May	PPQNMI-TLB-82-0060 UNEEXT Hawley, C	SAME
	France BIRL EPL/DC, RCH	OK Beckham 11996e A 1 Apr	PPQNMI-TLB-82-0020 PPQSCII Thomas, J H	SAME
	France BIRL EPL/DC, RCH	OK Woodward 11996e A 1 Apr	PPQNMI-TLB-82-0021 PPQSCII Thomas, J H	SAME
	France BIRL EPL/DC, RCH	SD Bennett 1200e A 2 Jun	PPQNMI-TLB-82-1106 PPQWV Tucker, D	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Oomyzus incertus (Ratzeburg) Hymenoptera Eulophidae	France BIRL EPL/DC, RCH	SD Fall River 6530e A 3 Jun	PPQNMI-TLB-82-0117 SDSUEXT Bowker, E J	Hypera postica (Gyllenhal) alfalfa weevil
	France BIRL EPL/DC, RCH	SD Fall River 2700e A 3 Jun	PPQNMI-TLB-82-1106 PPQWV Tucker, D	SAME
	France BIRL EPL/DC, RCH	SD Haakon 600e A 2 Jun	PPQNMI-TLB-82-2106 SDDA Krsnak, J	SAME
	France BIRL EPL/DC, RCH	SD Lyman 900e A 3 Jun	PPQNMI-TLB-82-2106 SDDA Krsnak, J	SAME
	France BIRL EPL/DC, RCH	SD Pennington 594e A 1 Jun	PPQNMI-TLB-82-3106 PPQWV McClanahan, S A	SAME
	France BIRL EPL/DC, RCH	TN Giles 2975e A 1 May	PPQNMI-TLB-82-0045 PPQSEIII Watson, E B	SAME
	France BIRL EPL/DC, RCH	WI Iowa 3552e A 1 Jun	PPQNMI-TLB-82-0125 PPQNEV Line, H E	SAME
Opius dissitus Muesebeck Hymenoptera Braconidae	USA FL HDA HDA/RMB	HI Hawaii 300e A 2 Jun	HDA-KTM-82-0040 HDAH Yoshioka, E R	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Opius dissitus Muesebeck Hymenoptera Braconidae	USA FL HDA HDA/RMB	HI Honolulu 220 A 1 Jan	HDA-KTM-82-0003 HDA Murai, K T	Liriomyza trifolii (Burgess) leafminer Liriomyza sativae Blanchard vegetable leafminer
	USA FL HDA HDA/RMB	HI Honolulu 100 A 1 Dec	HDA-KTM-82-0094 HDA Murai, K T	SAME Liriomyza trifolii (Burgess) leafminer
	USA FL HDA HDA/RMB	HI Maui 300e A 1 May	HDA-KTM-82-0028 HDAM Miyahira, N	Liriomyza sativae Blanchard vegetable leafminer Liriomyza trifolii (Burgess) leafminer
	USA FL HDA HDA/RMB	HI Maui 1250e A 2 Jun	HDA-KTM-82-0039 HDAM Miyahira, N	SAME Liriomyza sativae Blanchard vegetable leafminer
Oplomus severus Breddin Heteroptera Pentatomidae	Peru BIRL UMD/AG, AA UMD/AG UMDAGEX (culture)	NJ Salem 176 A 1 Jun to Aug	NJDA-DJP-82-0006 NJDA Dorsey, T W	Epilachna varivestis Mulsant Mexican bean beetle

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Pactolinus parallelus (Redtenbacher) Coleoptera Histeridae	Pakistan CIBCPS/RKS	CA Imperial 20 A 2 Aug	UCR-82-0038 UCR Legner, E F	Haematobia irritans (Linnaeus) horn fly
	Pakistan UCR CIBCPS/RKS	CA Tulare 158e A,L 1 Apr to May	UCR-EFL-82-0003 UCR	SAME
	Pakistan UCR CIBCPS/RKS	CA Tulare 85 A 1 Jul	UCR-EFL-82-0006 UCR	SAME
Palloptera modesta (Meigen) Diptera Pallopteridae	USSR, Russian SFSR URAIPQ/MAK	UT Morgan ? e A 1 Jul	BIRL-82-0140 FSOUT Schmitz, R F	Dendroctonus spp. bark beetles
Pediobius facialis (Giraud) Hymenoptera Eulophidae	Japan SCCUE SCCU	FL Dade 500 A 1 Mar	UFH-VHW-82-0002 UFH Waddill, V H	Trichoplusia ni (Hübner) cabbage looper
Pediobius foveolatus (Crawford) Hymenoptera Eulophidae	India PPQNMI NJDA UFG	CO Delta 58000e L 2 Jul to Aug	CODA-FJS-82-0003 CODA Stahl, F J	Epilachna varivestis Mulsant Mexican bean beetle
	India PPQNMI PPQSMS COMCI NJDA UFG PPQNMI	DE Kent 168000e A ? Jun to Jul NOTE: 068, 069	PPQBMD-HTS-82-0001 DEDA Harrison, L	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Pediobius foveolatus (Crawford) Hymenoptera Eulophidae	India PPQNMI PPQSMS COMCI NJDA UFG PPQNMI	DE New Castle 4000e A ? Jun to Jul NOTE: 068, 069	PPQBMD-HTS-82-0001-2 DEDA Harrison, L	Epilachna varivestis Mulsant Mexican bean beetle
	India PPQNMI PPQSMS COMCI NJDA UFG PPQNMI	DE Sussex 59000e A 8 Jun to Jul NOTE: 068, 069	PPQBMD-HTS-82-0001-3 DEDA Harrison, L	SAME
	India PPQNMI NJDA UFG	IN Clay 39000e A 5 Jun	INPU-RVF-82-0001-1 INPU Flanders, R V	SAME
	India PPQNMI NJDA UFG	IN Owen 43500e A 6 Jun	INPU-RVF-82-0001-2 INPU Flanders, R V	SAME
	India UMDEXT	IN Owen 14000e A 2 Aug	NJDA-DJP-82-0010 INPU Flanders, R V	SAME
	India MDDA PPQNMI MDDA PPQNMI	MA Barnstable 500e A 1 Jul	PPQOMA-OTF-82-0002 PPQOMA Forrester, O T	SAME
	India UMD	MD Baltimore 62000e A ? NOTE: 139	MDDA-MAC-82-0004-5 MDDA	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Pediobius foveolatus (Crawford) Hymenoptera Eulophidae	India UMD	MD Caroline 491000e A 39 Jun to Jul NOTE: 069, 095	MDDA-MAC-82-0001-1 MDDA	Epilachna varivestis Mulsant Mexican bean beetle
	India UMD	MD Carroll 9000e A ? NOTE: 139	MDDA-MAC-82-0004-4 MDDA	SAME
	India UMD	MD Charles 33000e A ? NOTE: 139	MDDA-MAC-82-0004-1 MDDA	SAME
	India UMD	MD Dorchester 208500e A 33 Jun to Jul NOTE: 069, 095	MDDA-MAC-82-0001-2 MDDA	SAME
	India UMD	MD Kent 19000e A 7 Jun to Jul NOTE: 069, 095	MDDA-MAC-82-0001-3 MDDA	SAME
	India UMD	MD Montgomery 105000e A ? NOTE: 139	MDDA-MAC-82-0004-2 MDDA Raver, R	SAME
	India UMD	MD Queen Annes 135000e A 27 Jun to Jul NOTE: 069, 095	MDDA-MAC-82-0001-4 MDDA	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Pediobius foveolatus (Crawford) Hymenoptera Eulophidae	India UMD	MD Somerset 183000e A 19 Jun to Jul NOTE: 069, 095	MDDA-MAC-82-0001-5 MDDA	Epilachna varivestis Mulsant Mexican bean beetle
	India UMD	MD St Marys 71000e A ? NOTE: 139	MDDA-MAC-82-0004-3 MDDA	SAME
	India UMD	MD Talbot 110000e A 15 Jun to Jul NOTE: 069, 095	MDDA-MAC-82-0001-6 MDDA	SAME
	India UMD	MD Wicomico 61000e A 17 Jun to Jul NOTE: 069, 095	MDDA-MAC-82-0001-7 MDDA	SAME
	India PPQBMD UMDEXT PPQNMI PPQSMS COMCI UMDEXT	NJ Atlantic 2000e A ? Jun to Jul NOTE: 069	NJDA-DJP-82-0003-1 NJDA	SAME
	India PPQBMD UMDEXT PPQNMI PPQSMS COMCI UMDEXT	NJ Burlington 233000e A ? Jun to Jul NOTE: 069	NJDA-DJP-82-0003-2 NJDA	SAME
	India UMDEXT	NJ Burlington 312000e A ? Jul to Aug	NJDA-DJP-82-0007-1 NJDA	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Pediobius foveolatus (Crawford) Hymenoptera Eulophidae	India UMDEXT	NJ Cape May 484000e A ? Jul to Aug	NJDA-DJP-82-0007-2 NJDA	Epilachna varivestis Mulsant Mexican bean beetle
	India PPQBMD UMDEXT PPQNMI PPQSMS COMCI UMDEXT	NJ Cumberland 437000e A ? Jun to Jul NOTE: 069	NJDA-DJP-82-0003-3 NJDA	SAME
	India PPQBMD UMDEXT PPQNMI PPQSMS COMCI UMDEXT	NJ Gloucester 135000e A ? Jun to Jul NOTE: 069	NJDA-DJP-82-0003-4 NJDA	SAME
	India PPQBMD UMDEXT PPQNMI PPQSMS COMCI UMDEXT	NJ Mercer 55000e A ? Jun to Jul NOTE: 069	NJDA-DJP-82-0003-5 NJDA	SAME
	India PPQBMD UMDEXT PPQNMI PPQSMS COMCI UMDEXT	NJ Middlesex 4000e A ? Jun to Jul NOTE: 069	NJDA-DJP-82-0003-6 NJDA	SAME
	India PPQBMD UMDEXT PPQNMI PPQSMS COMCI UMDEXT	NJ Monmouth 102000e A ? Jun to Jul NOTE: 069	NJDA-DJP-82-0003-7 NJDA	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/	Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Pediobius foveolatus (Crawford) Hymenoptera Eulophidae	India PPQBMD PPQNMI PPQSMS COMCI UMDEXT	UMDEXT	NJ Ocean 15000e A Jun to Jul NOTE: 069	?	NJDA-DJP-82-0003-8 NJDA	Epilachna varivestis Mulsant Mexican bean beetle
	India PPQBMD PPQNMI PPQSMS COMCI UMDEXT	UMDEXT	NJ Salem 327000e A Jun to Jul NOTE: 069	?	NJDA-DJP-82-0003-9 NJDA	SAME
	India UMDEXT		NJ Somerset 51000e A Jul to Aug	?	NJDA-DJP-82-0007-3 NJDA	SAME
	India MDDA MDDA PPQNMI	PPQNMI	OH Pickaway 18000e A Jun	1	PPQOMA-OTF-82-0001-2 PPQOMA Forrester, O T	SAME
	India MDDA MDDA PPQNMI	PPQNMI	OH Pike 57000e A Jun	1	PPQOMA-OTF-82-0001-1 PPQOMA Forrester, O T	SAME
	India PPQNMI COMCI NJDA UFG PPQNMI	PPQSMS	OH Pike 600000e A Jul NOTE: 068	1	PPQBMD-HTS-82-0006 PPQOMA Forrester, O T	SAME
	India MDDA MDDA PPQNMI	PPQNMI	OH Ross 52000e A Jun	1	PPQOMA-OTF-82-0001-3 PPQOMA Forrester, O T	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Pediobius foveolatus (Crawford) Hymenoptera Eulophidae	India UMDEXT	PA ? ? e A,PHL 1 May NOTE: 127	NJDA-DJP-82-0002 PA?	Epilachna varivestis Mulsant Mexican bean beetle
	India UMDEXT	PA Bucks ? e PHL,A 1 Jul	NJDA-DJP-82-0005 PATD Dermody, T	SAME
	India PPQNMI PPQSMS COMCI NJDA UFG PPQNMI	VA Lancaster 59000e A ? Jun to Jul NOTE: 068, 069, 125	PPQBMD-HTS-82-0005-1 VADACS	SAME
	India PPQNMI PPQSMS COMCI NJDA UFG PPQNMI	VA Northumberland 106000e A ? Jun to Jul NOTE: 068, 069, 125	PPQBMD-HTS-82-0005-2 VADACS	SAME
	India PPQNMI PPQSMS COMCI NJDA UFG PPQNMI	VA Richmond 109550e A ? Jun to Jul NOTE: 068, 069, 125	PPQBMD-HTS-82-0005-3 VADACS	SAME
	India PPQNMI PPQSMS COMCI NJDA UFG PPQNMI	VA Westmoreland 262000e A ? Jun to Jul NOTE: 068, 069, 125	PPQBMD-HTS-82-0005-4 VADACS	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Pediobius foveolatus (Crawford) Hymenoptera Eulophidae	India UMD	WV Jefferson 800e A 1 Jul	MDDA-MAC-82-0002 BIIL WVTR Schroder, R F W Coiner, C	Epilachna varivestis Mulsant Mexican bean beetle
	India UMD	WV Jefferson 5000e A 1 Aug	MDDA-MAC-82-0003 BIIL WVTR Schroder, R F W Coiner, C	SAME
Pentalitomastix plethorica Caltagirone Hymenoptera Encyrtidae	Mexico UCB	CA Butte 618000e A 1 Aug	UCB-LEC-82-0009 UCB	Amyelois transitella (Walker) navel orangeworm
	Mexico UCB	CA San Joaquin 168000e A 1 Jul	UCB-LEC-82-0006 UCB	SAME
	Mexico UCB	CA San Joaquin 720000e A 1 Aug	UCB-LEC-82-0012 UCB	SAME
	Mexico UCB	CA San Joaquin 680020e A 1 Sep	UCB-LEC-82-0014 UCB	SAME
	Mexico UCB	CA San Joaquin 680020e A 1 Sep	UCB-LEC-82-0015 UCB	SAME
	Mexico UCB	CA San Joaquin 680020e A 1 Sep	UCB-LEC-82-0017 UCB	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Peristenus digoneutis Loan Hymenoptera Braconidae	Austria France CDARPS CIBCESAU/ EPL/RCH, HH EPL/BDP, RCH	NJ Warren 1163 A 1 May to Jun	BIRL-82-0186 BIRL Day, W H	Lygus lineolaris (Palisot) tarnished plant bug Adelphocoris lineolatus (Goeze) alfalfa plant bug
Peristenus rubricollis (Thomson) Hymenoptera Braconidae	Austria EPL/RCH, HH CDARPS	NJ Warren 30 A 1 Jun	BIRL-82-0202 BIRL Day, W H	SAME Lygus lineolaris (Palisot) tarnished plant bug
Peristenus stygicus Loan Hymenoptera Braconidae	Spain BIRL EPL/HH, RCH EPL/RCH, HH	AZ Pima 26935 A 1 Mar to Jul	BCIL-JWD-82-0001 BCIL Debolt, J W Graham, H M	Lygus hesperus Knight western tarnished plant bug Lygus spp. plant bugs
	Austria France EPL/RCH, HH EPL/HH, RCH	NJ Warren 2 A 1 Jun	BIRL-82-0203 BIRL Day, W H	Lygus lineolaris (Palisot) tarnished plant bug
	Spain BIRL EPL/HH, RCH EPL/RCH, HH	TX Dallas 98 A 1 Jun	BCIL-JWD-82-0002-1 TAMUD Womack, C L	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Peristenus stygicus Loan Hymenoptera Braconidae	Spain BIRL EPL/HH, RCH EPL/RCH, HH	TX Delta 57 A 1 Jul	BCIL-JWD-82-0002-2 TAMUD Womack, C L	Lygus lineolaris (Palisot) tarnished plant bug
	Spain BIRL EPL/HH, RCH EPL/RCH, HH	TX Fannin 198 A 1 Jul	BCIL-JWD-82-0002-3 TAMUD Womack, C L	SAME
	Spain BIRL EPL/HH, RCH EPL/RCH, HH	TX Lamar 153 A 2 Jul	BCIL-JWD-82-0002 TAMUD Womack, C L	SAME
Phanerotoma sp. Hymenoptera Braconidae	Bolivia UCB	CA Butte 550e A 1 Aug	UCB-LEC-82-0010 UCB	Amyelois transitella (Walker) navel orangeworm
	Bolivia UCB	CA San Joaquin 60 A 1 Jun	UCB-LEC-82-0004 UCB	SAME
	Bolivia UCB	CA San Joaquin 2250e A 1 Aug to Oct	UCB-LEC-82-0013 UCB	SAME
Pholetesor pedias (Nixon) Hymenoptera Braconidae	Canada CAUGON/JMH	MA Franklin 320 A 3 May to Jun	BIRL-82-0088 UMA Van Driesche, R Hilbert, C	Phyllonorycter crataegella (Clemens) apple blotch leafminer

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Pholetesor pedias (Nixon) Hymenoptera Braconidae	Canada CAUGON/JMH	MA Franklin 300 A 1 Jun	BIRL-82-0096 UMA Van Driesche, R Hilbert, C	Phyllonorycter crataegella (Clemens) apple blotch leafminer
	Canada CAUGON/JMH	MA Franklin 45 A 1 Jun	BIRL-82-0100 UMA Van Driesche, R Hilbert, C	SAME
	Canada CAUGON/JMH	MA Hampshire 101 A 1 Oct	BIRL-82-0177 UMA Van Driesche, R	SAME
Phytoseiulus longipes Evans Parasitiformes Phytoseiidae	South Africa UCR	CA Tulare 2000e A,N 1 May	UCR-JAM-82-0031 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Tetranychus urticae Koch twospotted spider mite
	South Africa UCR	CA Tulare 4000e A,N 1 Jun	UCR-JAM-82-0040 UCR Johnson, H G	SAME
Phytoseiulus macropilis (Banks) Parasitiformes Phytoseiidae	Cook Islands UCR UCR/JAM	CA San Diego 9000e A,N 1 Aug to Sep	UCR-JAM-82-0057 UCR Johnson, H G	Oligonychus punicae (Hirst) avocado brown mite
	Cook Islands UCR UCR/JAM	CA San Diego 1200e A,N 1 Oct	UCR-JAM-82-0067 UCR Johnson, H G	Panonychus citri McGregor citrus red mite

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Phytoseiulus macropilis (Banks) Parasitiformes Phytoseiidae	USA PR HDA HDA/RMB	HI Hawaii 3500e A 2 Jun	HDA-KTM-82-0032 HDAH Yoshioka, E R	Tetranychus cinnabarinus (Boisduval) carmine spider mite
	USA PR HDA HDA/RMB	HI Honolulu 4800e A,N 1 Feb	HDA-KTM-82-0004 HDA Murai, K T	SAME
	USA PR HDA HDA/RMB	HI Honolulu 25400e A,N 2 Mar to Apr	HDA-KTM-82-0009 HDA Murai, K T	SAME
	USA PR HDA HDA/RMB	HI Honolulu 13000e A,N 1 Jun to Jul	HDA-KTM-82-0031 HDA Murai, K T	SAME
	USA PR HDA HDA/RMB	HI Honolulu 16000e A,N 2 Aug	HDA-KTM-82-0049 HDA Murai, K T	SAME
	USA PR HDA HDA/RMB	HI Honolulu 10000e A,N 4 Sep	HDA-KTM-82-0062 HDA Murai, K T	SAME
	USA PR HDA HDA/RMB	HI Maui 9500e A,N 1 May to Jun	HDA-KTM-82-0018 HDAM Miyahira, N	SAME
Phytoseiulus persimilis Athias-Henriot Parasitiformes Phytoseiidae	Italy UCR	CA San Diego 2100e A,N 1 Jun	UCR-JAM-82-0036 UCR Johnson, H G	Oligonychus punicae (Hirst) avocado brown mite

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Phytoseiulus persimilis Athias-Henriot Parasitiformes Phytoseiidae	CA, Ventura UCR/HGJ	CA Tulare 3000e A,N 1 May	UCR-JAM-82-0030 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Tetranychus urticae Koch twospotted spider mite
	Italy UCR	CA Tulare 5000e A,N 1 Jun	UCR-JAM-82-0041 UCR Johnson, H G	SAME
	DE, New Castle UCR BIRL/SEB, RMH	MD Frederick 100e A,L 1 May NOTE: 015	BIRL-RMH-82-0078 PDRL Rossi, A E	SAME
	DE, New Castle BIRL BIRL/	MD Frederick 400e A,L 1 Sep NOTE: 015	BIRL-RMH-82-0179 PDRL Rossi, A E	SAME
	DE, New Castle BIRL BIRL/	MD Frederick 2000e A,L,E 1 Nov NOTE: 015	BIRL-RMH-82-0191 PDRL Rossi, A E	SAME
	DE, New Castle BIRL BIRL/	PA Philadelphia 200e A,L 1 Sep NOTE: 015	BIRL-RMH-82-0176 UPA Schaub, B	SAME
Praon sp. Hymenoptera Aphidiidae	Afghanistan UCB	CA Alameda 375e A 1 Nov	UCB-KSH-82-0069 UCB	Callaphis juglandis (Goeze) large walnut aphid

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Praon volucre (Haliday) Hymenoptera Aphidiidae	France BIRL EPL/FG	WA Benton 100e A 1 Oct	WASUP-KSP-82-0002 WASUP Pike, K S	Rhopalosiphum padi (Linnaeus) bird cherry-oat aphid
	France BIRL EPL/FG	WA Benton 100e A 1 Oct	WASUP-KSP-82-0003 WASUP Pike, K S	SAME
Prococcophagus probus Annecke Hymenoptera Aphelinidae	South Africa UCB	CA Fresno 330e A 1 Jul	UCB-LEC-82-0008 UCB	Saissetia oleae (Olivier) black scale
	South Africa UCB	CA Tehama 850e A 1 Oct to Nov	UCB-LEC-82-0019 UCB	SAME
Prococcophagus saissetiae Annecke & Mynhardt Hymenoptera Aphelinidae	South Africa UCB	CA Fresno 350e A 1 Sep	UCB-LEC-82-0016 UCB	SAME
	South Africa UCB	CA Madera 65 A 1 Apr	UCB-LEC-82-0002 UCB	SAME
	South Africa UCB	CA Tehama 2250e A 1 Oct to Nov	UCB-LEC-82-0018 UCB	SAME
Propylea quatuordecimpunctata (Linnaeus) Coleoptera Coccinellidae	Yugoslavia UCB	WA Klickitat 8806 A,L 1 Apr to Aug	YARL-REF-82-0006-2 YARL Fye, R E	Psylla pyricola Förster pear psylla

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Propylea quatuordecimpunctata (Linnaeus) Coleoptera Coccinellidae	Yugoslavia UCB	WA Yakima 13908 A,L 1 Apr to Aug	YARL-REF-82-0006-1 YARL Fye, R E	Psylla pyricola Förster pear psylla
Pseudapanteles dignus (Muesebeck) Hymenoptera Braconidae	USA CA HDA HDA/RMB	HI Honolulu 71 A 1 Mar	HDA-BRK-82-0014 HDA Kumashiro, B R	Keiferia lycopersicella (Walsingham) tomato pinworm
	USA CA HDA HDA/RMB	HI Maui 400 A 1 Jan	HDA-BRK-82-0006 HDAM Miyahira, N	SAME
	USA CA HDA HDA/RMB	HI Maui 166 A 1 Mar	HDA-BRK-82-0015 HDAM Miyahira, N	SAME
Pteroptrix n. sp. Hymenoptera Aphelinidae	Korea, South (ROK) APL/RWC, HYH	DC Washington City 87 A 1 Aug	BIRL-82-0160-1 FNCL Rivnay, T	Unaspis euonymi (Comstock) euonymus scale
	Korea, South (ROK) APL/RWC, HYH	DC Washington City 262 A 1 Aug	BIRL-82-0161-1 FNCL Rivnay, T	SAME
	Korea, South (ROK) APL/RWC, HYH	DC Washington City 171 A 1 Aug	BIRL-82-0165-1 FNCL Rivnay, T	SAME
	Korea, South (ROK) APL/RWC, HYH	DC Washington City 71 A 1 Aug	BIRL-82-0167-2 FNCL Rivnay, T	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Pteroptrix n. sp. Hymenoptera Aphelinidae	Korea, South (ROK) APL/RWC, HYH	MD Prince Georges 95 A 1 Aug	BIRL-82-0160-2 FNCL Rivnay, T	Unaspis euonymi (Comstock) euonymus scale
	Korea, South (ROK) APL/RWC, HYH	MD Prince Georges 202 A 1 Aug	BIRL-82-0161-2 FNCL Rivnay, T	SAME
	Korea, South (ROK) APL/RWC, HYH	MD Prince Georges 469 A 2 Aug	BIRL-82-0165 FNCL Rivnay, T	SAME
	Korea, South (ROK) APL/RWC, HYH	MD Prince Georges 145 A 3 Aug	BIRL-82-0167 FNCL Rivnay, T	SAME
Rogas lymantriae Watanabe Hymenoptera Braconidae	Japan NJDA	CT New Haven 1850e A 1 May to Jun	FSHCT-WEW-82-0002 FSHCT Grinberg, P S	Lymantria dispar (Linnaeus) gypsy moth Orgyia leucostigma (J.E.Smith) whitemarked tussock moth
	Japan NJDA	MD Cecil 2778e A 1 May	FSHCT-WEW-82-0001 BIRL Schaefer, P W	Lymantria dispar (Linnaeus) gypsy moth Orgyia leucostigma (J.E.Smith) whitemarked tussock moth

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage Month	No. of Sites /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Rogas lymantriae Watanabe Hymenoptera Braconidae	Japan NJDA	VT Addison 1350e A May	1	FSHCT-WEW-82-0003 FSHCT Grinberg, P S	Lymantria dispar (Linnaeus) gypsy moth
Rogas sp. Hymenoptera Braconidae	Ecuador ALAU ALAU/JDH ECUG/JE ECMA/CP	MS Washington 101 A Sep	1	SRQF-82-0198 SRQF Harrison, W W	Pseudoplusia includens (Walker) soybean looper
	Ecuador ALAU ALAU/JDH ECUG/JE ECMA/CP	MS Washington 124 A Sep	1	SRQF-82-0199 SRQF Harrison, W W	SAME
Rumina decollata Linnaeus Pulmonata Subulinidae	CA, Riverside CA, San Bernardino CA, Orange UCR/TWF, REO	CA Orange 1100e A May to Dec	1	UCR-TWF-82-0001 UCR Fisher, T W Orth, R E	Helix aspersa Müller brown garden snail
Scolothrips sexmaculatus (Pergande) Thysanoptera Thripidae	USA VI HDA HDA/RMB	HI Honolulu 80 A Sep	1	HDA-KTM-82-0064 HDA Murai, K T	Tetranychus cinnabarinus (Boisduval) carmine spider mite
	USA VI HDA HDA/RMB	HI Honolulu 2950e A Nov	2	HDA-KTM-82-0077 HDA Murai, K T	SAME
	USA VI HDA HDA/RMB	HI Honolulu 1400 A Dec	1	HDA-KTM-82-0086 HDA Murai, K T	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Sympiesis stigmatipennis Girault Hymenoptera Eulophidae	USA CA HDA HDA/RMB	HI Maui 30 A 1 Feb	HDA-BRK-82-0012 HDAM Miyahira, N	Keiferia lycopersicella (Walsingham) tomato pinworm
Telenomus chloropus Thomson Hymenoptera Scelionidae	Japan, Kyushu Japan, Shikoku SFCIML SFCIML/WAJ JAMAES/KN	LA East Baton Rouge 1000e A,PHE 1 Sep	SRQF-82-0147-1 SFCIML LSU Jones, W A Boethel, D J	Nezara viridula (Linnaeus) southern green stink bug
	Japan, Kyushu Japan, Shikoku SFCIML SFCIML/WAJ JAMAES/S	LA East Baton Rouge 1650e A,PHE 1 Sep	SRQF-82-0150-1 SFCIML Jones, W A	SAME
	Japan, Shikoku SFCIML/WAJ	LA East Baton Rouge 250 A 1 Sep NOTE: 041	SRQF-82-0157 LSU Boethel, D J	SAME
	Japan, Kyushu Japan, Shikoku SFCIML SFCIML/WAJ JAMAES/KN	LA Iberville 310e A,PHE 1 Sep	SRQF-82-0147-2 SFCIML LSU Jones, W A Boethel, D J	SAME
	Japan, Kyushu Japan, Shikoku SFCIML SFCIML/WAJ JAMAES/S	LA Iberville 1000e A,PHE 1 Sep	SRQF-82-0150-2 SFCIML Jones, W A	SAME
	Japan, Kyushu Japan, Shikoku SFCIML SFCIML/WAJ JAMAES/KN JAMAES/S	MS Washington 400e A 1 Sep	SRQF-82-0155 SFCIML Jones, W A	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Trichogramma pretiosum Riley Hymenoptera Trichogrammatidae	TX, Brazos Co TX, Burleson Co CIRLTX/RKM, JDL	AR Ashley ? e PHE 8 Jul to Aug NOTE: 107	CIRLTX-RKM-82-0001 PCEMRU Bouse, L F	Heliothis virescens (Fabricius) tobacco budworm Helicoverpa zea (Boddie) corn earworm, bollworm
Trichogramma sp. Hymenoptera Trichogrammatidae	CA, ? UCB/LEC	CA Butte 4500e A 1 Aug	UCB-LEC-82-0011 UCB Caltagirone, L E	Amyelois transitella (Walker) navel orangeworm
Typhlodromus annectens DeLeon Parasitiformes Phytoseiidae	Mexico-Chiapas State UCR UCR/JAM, MB	CA Orange 900e A,N 1 Apr	UCR-JAM-82-0022 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite
	Mexico-Chiapas State UCR UCR/JAM, MB	CA San Diego 200e A,N 1 Jun	UCR-JAM-82-0039 UCR Johnson, H G	Oligonychus punicae (Hirst) avocado brown mite
	Mexico-Chiapas State UCR UCR/JAM, MB	CA Tulare 800e A,N 1 May	UCR-JAM-82-0032 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Tetranychus urticae Koch twospotted spider mite

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Typhlodromus annectens DeLeon Parasitiformes Phytoseiidae	Mexico-Chiapas State UCR UCR/JAM, MB	CA Tulare 600e A,N 1 Jun	UCR-JAM-82-0042 UCR Johnson, H G	Tetranychus urticae Koch twospotted spider mite
	Mexico-Chiapas State UCR UCR/JAM, MB	CA Ventura 1200e A,N 2 Apr	UCR-JAM-82-0014 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Polyphagotarsonemus latus (Banks) broad mite
Typhlodromus occidentalis Nesbitt Parasitiformes Phytoseiidae	USA-CA, WA HDA UCBB ?/	HI Hawaii 420 A,N 1 Sep NOTE: 034	HDAH-ERY-82-0015 HDAH Yoshioka, E R	Tetranychus cinnabarinus (Boisduval) carmine spider mite
	USA-CA, WA HDA UCBB ?/	HI Hawaii 1990e A,N 1 Oct NOTE: 034	HDAH-ERY-82-0018 HDAH Yoshioka, E R	SAME
	USA-CA, WA HDA UCBB ?/	HI Hawaii 1820 A,N 2 Nov NOTE: 034	HDAH-ERY-82-0020 HDAH Yoshioka, E R	SAME
	USA-CA, WA HDA UCBB ?/	HI Hawaii 8570e A,N 4 Dec NOTE: 034	HDAH-ERY-82-0021 HDAH Yoshioka, E R	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Typhlodromus occidentalis Nesbitt Parasitiformes Phytoseiidae	USA-CA, WA HDA UCBB ?/	HI Honolulu 200e A,N 1 Apr NOTE: 034	HDA-KTM-82-0015 HDA Murai, K T	Tetranychus cinnabarinus (Boisduval) carmine spider mite
	USA-CA, WA HDA UCBB ?/	HI Honolulu 5000e A,N 1 May to Aug NOTE: 034	HDA-KTM-82-0020 HDA Murai, K T	SAME
	USA-CA, WA HDA UCBB ?/	HI Honolulu 1600e A,N 4 Sep NOTE: 034	HDA-KTM-82-0063 HDA Murai, K T	SAME
	USA-CA, WA HDA UCBB ?/	HI Honolulu 700e A,N 2 Oct NOTE: 034	HDA-KTM-82-0071 HDA Murai, K T	SAME
	USA-CA, WA HDA UCBB ?/	HI Honolulu 1350e A,N 2 Nov NOTE: 034	HDA-KTM-82-0076 HDA Murai, K T	SAME
	USA-CA, WA HDA UCBB ?/	HI Honolulu 650e A,N 2 Dec NOTE: 034	HDA-KTM-82-0085 HDA Murai, K T	SAME
	USA-CA, WA HDA UCBB ?/	HI Maui 800e A,N 2 Jun NOTE: 034	HDA-KTM-82-0033 HDAM Miyahira, N	SAME

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Typhlodromus porresi McMurtry Parasitiformes Phytoseiidae	Mexico-Chiapas State UCR UCR/JAM	CA Orange 500e A,N 1 Apr	UCR-JAM-82-0025 UCR Johnson, H G	Polyphagotarsonemus latus (Banks) broad mite Panonychus citri McGregor citrus red mite
	Mexico-Chiapas State UCR UCR/JAM	CA San Diego 600e A,N 1 Jul	UCR-JAM-82-0054 UCR Johnson, H G	Oligonychus punicae (Hirst) avocado brown mite
	Mexico-Chiapas State UCR UCR/JAM	CA Ventura 600e A,N 1 Apr	UCR-JAM-82-0017 UCR Johnson, H G	Panonychus citri McGregor citrus red mite Polyphagotarsonemus latus (Banks) broad mite
Typhlodromus tiliae Oudemans Parasitiformes Phytoseiidae	Italy, Sicily UCR ITUSPA/SR	CA San Diego 1200e A,N 1 Sep to Oct	UCR-JAM-82-0062 UCR Johnson, H G	Panonychus citri McGregor citrus red mite
	Italy, Sicily UCR ITUSPA/SR	CA San Diego 500e A,N 1 Nov	UCR-JAM-82-0076 UCR Johnson, H G	SAME
Tytthus mundulus (Breddin) Heteroptera Miridae	USA-HI HDA/	FL Palm Beach 40 A,N 1 Dec	FBCL-82-0022 FLDPI Nguyen, R	Perkinsiella saccharicida Kirkaldy sugarcane delphacid

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host/Prey (at time of release) Genus Species, Subspecies Author, Common Name
Zelomorpha sp. Hymenoptera Braconidae	Costa Rica SCCU SCCU/GRC UFH/VHW SCCU/BMS, GRC	FL Dade 6 A 1 Jun	SRQF-82-0094 UFH Waddill, V H	Anticarsia gemmatalis Hübner velvetbean caterpillar

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

NOTES

015 Greenhouse release.

022 Released in approved "quarantine" field cage for host specificity tests. No live material removed from containment areas.

023 For use in host specificity tests of introduced Hexamermis nematodes.

024 Released in approved "quarantine" field cages to test host-specificity of introduced Hexamermis nematodes.

034 Guthion-Sevin resistant strain.

036 Various number of release sites.

041 Field cage release.

068 Material included stock from cultures at PPQ laboratories at Starkville, MS (PPQSMS), and Niles, MI (PPQNMI), and from private contractor at Durango, CO (COMCI).

069 Releases made as part of the APHIS-PPQ Cooperative Mexican Bean Beetle Demonstration Project.

072 Shipments and releases were made of gardenia plants infested with parasitized citrus whiteflies; estimated number of adult parasites per plant averaged between 20 to 35 in 1982.

078 The shipments and releases of PHA containing Microctonus aethiopoides and of PHL containing Bathyplectes anurus (which see) possibly also included a small undetermined number of M. colesi.

079 The shipments and releases of PHL containing Bathyplectes anurus (which see) probably also contained an undetermined number of B. curculionis.

083 Released partially as Bracon sp. nr. gelechiae.

087 Released as parasitized hosts on infested gardenia plants.

094 Each beetle released was estimated to be infested with 30 mites (adults, larvae, and eggs).

096 Surviving adults from BIRL-82-130 and -141 (latter only males) released in a field sleeve cage on an apple tree.

103 LRGV = Lower Rio Grande Valley (4 county area). Information for July initiation of shipments and releases is from H W Browning et al., 1985 (Tex.Agr.Expt.Sta.Progr.Rpt. 4344:6) and J W Smith et al., 1987 (Entomophaga 32:480). Contact authors or project leader (J W Smith, TAMU) for details; data in ROBO database for TAMU records are incomplete.

104 LRVG = Lower Rio Grande Valley (4 county area). Release information is from H W Browning and C W Melton, 1984 (Tex.Agr. Expt.Sta.Progr.Rpt. 4196:8). Contact authors, project leader, or releasers for details; data in ROBO database for TAMU records are incomplete.

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

NOTES

107 Numbers shipped and released are estimated to have been approx. 3,686,000,000 PHE. There were 10 releases between July 4 and August 6 in 8 fields totaling 1940 ha, with each release being 130,000-250,000 (av. 190,000) PHE/ha. See L F Bouse & R K Morrison, 1985 (Southwest. Entomol., Suppl. 8: 45).

110 Adults were sprayed with nuclear polyhedrosis virus prior to release.

114 A total of 187 infested plants was shipped for release in Texas in 1982.

116 A total of 200 infested plants was shipped for release in South Carolina in 1982.

117 A total of 300 infested plants was shipped for release in Georgia in 1982. Some records of 1982 releases in additional Georgia counties not listed in this report appear to be missing.

118 A total of 400 infested plants was shipped for release in Alabama in 1982.

119 A total of 403 infested plants was shipped for release in Mississippi in 1982.

120 A total of 390 infested plants was shipped for release in Louisiana in 1982.

121 A total of 100 infested plants was shipped for release in Arkansas in 1982.

122 A total of 220 infested plants was shipped for release in North Carolina in 1982.

123 Of over 10,250,000 adults cultured in 1982 according to PPQSBTX records, TXRGVSGA records note the following releases in 1982: Hidalgo Co - 7,138,156; Cameron Co - 2,633,000; Willacy Co - 457,760; and Starr Co - 9,500 (N. Rozeff, TXRGVSGA, in litt.).

125 Some material was also received from NJDA for the July releases (see NJDA-DJP-82-0008).

127 Shipment made at the request of PPQBMD; recipient and disposition of material is unknown.

130 The species released may have been *Amitus spiniferus*, rather than *Cales noacki*; contact UCR for details of this release.

131 = *Comperiella bifasciata*? Contact UCR for details of this release.

132 The origin of this material may have been China, rather than Japan; contact UCR for details of these releases.

137 Releases were made against potential alternate lepidopterous hosts, in the absence of gypsy moth. Potential hosts included *Malacosoma americanum*, *Hyphantria cunea*, *Estigmene acrea*, and various tussock moths.

139 Records of the 1982 dates and sites of these field releases are unavailable.

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host/Prey Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host/Prey Arranged Alphabetically by Common Name

PHYLUM: MOLLUSCA

Class: Gastropoda

Order of Host/Prey: Pulmonata
Family of Host/Prey: Achatinidae
Host/Prey Genus, species, author: Achatina fulica Bowdich
Common name of host/prey: giant African snail
Species Released: Euglandina rosea
Gonaxis quadrilateralis

Family of Host/Prey: Helicidae
Host/Prey Genus, species, author: Helix aspersa Müller
Common name of host/prey: brown garden snail
Species Released: Rumina decollata

PHYLUM: ARTHROPODA

Class: Arachnida (Subclass Acari)

Order of Host/Prey: Acariformes
Family of Host/Prey: Eriophyidae
Host/Prey Genus, species, author: Phyllocoptruta oleivora (Ashmead)
Common name of host/prey: citrus rust mite
Species Released: Amblyseius limonicus
Euseius stipulatus
Euseius concordis

Family of Host/Prey: Tarsonemidae
Host/Prey Genus, species, author: Polyphagotarsonemus latus (Banks)
Common name of host/prey: broad mite
Species Released: Amblyseius limonicus
Euseius elinae
Euseius quetzali
Euseius tutsi
Typhlodromus annectens
Euseius concordis
Euseius hibisci
Euseius stipulatus
Iphiseius degenerans
Typhlodromus porresi

Family of Host/Prey: Tetranychidae
Host/Prey Genus, species, author: Oligonychus punicae (Hirst)
Common name of host/prey: avocado brown mite
Species Released: Amblyseius limonicus
Euseius elinae
Euseius scutalis
Phytoseiulus macropilis
Typhlodromus annectens
Euseius concordis
Euseius hibisci
Iphiseius degenerans
Phytoseiulus persimilis
Typhlodromus porresi

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host/Prey Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host/Prey Arranged Alphabetically by Common Name

Host/Prey Genus, species, author: Panonychus citri McGregor
Common name of host/prey: citrus red mite
Species Released: Amblyseius limonicus
Euseius elinae
Euseius quetzali
Euseius stipulatus
Iphiseius degenerans
Phytoseiulus macropilis
Typhlodromus annectens
Typhlodromus tiliae
Euseius concordis
Euseius hibisci
Euseius scutalis
Euseius tutsi
Phytoseiulus longipes
Phytoseiulus persimilis
Typhlodromus porresi

Host/Prey Genus, species, author: Tetranychus cinnabarinus (Boisduval)
Common name of host/prey: carmine spider mite
Species Released: Amblyseius longispinosus
Phytoseiulus macropilis
Typhlodromus occidentalis
Neoseiulus californicus
Scolothrips sexmaculatus

Host/Prey Genus, species, author: Tetranychus urticae Koch
Common name of host/prey: twospotted spider mite
Species Released: Amblyseius sp.
Phytoseiulus persimilis
Phytoseiulus longipes
Typhlodromus annectens

Class: Insecta

Order of Host/Prey: Blattodea
Family of Host/Prey: Blattellidae
Host/Prey Genus, species, author: Supella longipalpa (Fabricius)
Common name of host/prey: brownbanded cockroach
Species Released: Comperia merceti

Order of Host/Prey: Coleoptera
Family of Host/Prey:
Host/Prey Genus, species, author: other test hosts; see NOTE: 022
Common name of host/prey: See Note 022
Species Released: Hexamermis sp.

Family of Host/Prey: Chrysomelidae
Host/Prey Genus, species, author: Diabrotica undecimpunctata howardi Barber
Common name of host/prey: southern corn rootworm
Species Released: Hexamermis sp.

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host/Prey Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host/Prey Arranged Alphabetically by Common Name

Host/Prey Genus, species, author: Leptinotarsa decemlineata (Say)
Common name of host/prey: Colorado potato beetle
Species Released: Edovum puttleri

Host/Prey Genus, species, author: Oulema melanopus (Linnaeus)
Common name of host/prey: cereal leaf beetle
Species Released: Diaparsis temporalis

Host/Prey Genus, species, author: Pyrrhalta luteola (Müller)
Common name of host/prey: elm leaf beetle
Species Released: Oomyzus gallerucae

Family of Host/Prey: Coccinellidae
Host/Prey Genus, species, author: Epilachna varivestis Mulsant
Common name of host/prey: Mexican bean beetle
Species Released: Coccipolipus epilachnae — Oplomus severus
Pediobius foveolatus

Family of Host/Prey: Curculionidae
Host/Prey Genus, species, author: Hypera brunnipennis (Boheman)
Common name of host/prey: Egyptian alfalfa weevil
Species Released: Bathyplectes anurus — Microctonus aethiopoides

Host/Prey Genus, species, author: Hypera postica (Gyllenhal)
Common name of host/prey: alfalfa weevil
Species Released: Bathyplectes anurus — Bathyplectes curculionis
Bathyplectes stenostigma — Microctonus aethiopoides
Microctonus colesi — Oomyzus incertus

Host/Prey Genus, species, author: Sitona hispidulus (Fabricius)
Common name of host/prey: clover root curculio
Species Released: Anaphes diana

Host/Prey Genus, species, author: Sitona lineatus (Linnaeus)
Common name of host/prey: pea leaf weevil
Species Released: Anaphes diana — Microctonus aethiopoides

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host/Prey Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host/Prey Arranged Alphabetically by Common Name

Family of Host/Prey: Nitidulidae
Host/Prey Genus, species, author: Carpophilus hemipterus (Linnaeus)
Common name of host/prey: driedfruit beetle
Species Released: Cerchysiella utilis

Host/Prey Genus, species, author: Carpophilus humeralis (Fabricius)
Common name of host/prey: pineapple souring beetle
Species Released: Cerchysiella utilis

Family of Host/Prey: Scolytidae
Host/Prey Genus, species, author: Dendroctonus spp.
Common name of host/prey: bark beetles
Species Released: Palloptera modesta

Host/Prey Genus, species, author: Scolytus multistriatus (Marsham)
Common name of host/prey: smaller European elm bark beetle
Species Released: Dendrosoter protuberans

Order of Host/Prey: Diptera
Family of Host/Prey: Agromyzidae
Host/Prey Genus, species, author: Agromyza frontella (Rondani)
Common name of host/prey: alfalfa blotch leafminer
Species Released: Chrysocharis liriomyzae — Dacnusa dryas

Host/Prey Genus, species, author: Liriomyza sativae Blanchard
Common name of host/prey: vegetable leafminer
Species Released: Chrysocharis parksi — Chrysocharis sp. nr. giraulti
Chrysonotomyia punctiventris — Halticoptera patellana
Opius dissitus

Host/Prey Genus, species, author: Liriomyza trifolii (Burgess)
Common name of host/prey: leafminer
Species Released: Chrysocharis parksi — Chrysocharis sp. nr. giraulti
Chrysonotomyia punctiventris — Halticoptera patellana
Opius dissitus

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host/Prey Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host/Prey Arranged Alphabetically by Common Name

Family of Host/Prey: Muscidae
Host/Prey Genus, species, author: Haematobia irritans (Linnaeus)
Common name of host/prey: horn fly
Species Released: Atholus coelestis — Atholus maindronii
Pactolinus parallelus

Family of Host/Prey: Tephritidae
Host/Prey Genus, species, author: Anastrepha suspensa (Loew)
Common name of host/prey: Caribbean fruit fly
Species Released: Diachasmimorpha tryoni

Host/Prey Genus, species, author: Rhagoletis completa Cresson
Common name of host/prey: walnut husk fly
Species Released: Biosteres sublaevis — Coptera occidentalis

Order of Host/Prey: Heteroptera
Family of Host/Prey: Miridae
Host/Prey Genus, species, author: Adelphocoris lineolatus (Goeze)
Common name of host/prey: alfalfa plant bug
Species Released: Peristenus digoneutis — Peristenus rubricollis

Host/Prey Genus, species, author: Lygus hesperus Knight
Common name of host/prey: western tarnished plant bug
Species Released: Peristenus stygicus

Host/Prey Genus, species, author: Lygus lineolaris (Palisot)
Common name of host/prey: tarnished plant bug
Species Released: Peristenus digoneutis — Peristenus rubricollis
Peristenus stygicus

Host/Prey Genus, species, author: Lygus spp.
Common name of host/prey: plant bugs
Species Released: Peristenus stygicus

Family of Host/Prey: Pentatomidae
Host/Prey Genus, species, author: Nezara viridula (Linnaeus)
Common name of host/prey: southern green stink bug
Species Released: Telenomus chloropus

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host/Prey Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host/Prey Arranged Alphabetically by Common Name

Order of Host/Prey: Homoptera
Family of Host/Prey: Aleyrodidae
Host/Prey Genus, species, author: Aleurodicus dispersus Russell
Common name of host/prey: spiraling whitefly
Species Released: Encarsia ?haitiensis — Encarsia sp.
Nephaspis oculata

Host/Prey Genus, species, author: Aleurothrixus floccosus (Maskell)
Common name of host/prey: woolly whitefly
Species Released: Amitus ?spiniferus — Amitus spiniferus
Cales noacki — Eretmocerus sp.

Host/Prey Genus, species, author: Dialeurodes citri (Ashmead)
Common name of host/prey: citrus whitefly
Species Released: Encarsia lahorensis

Host/Prey Genus, species, author: Parabemisia myricae (Kuwana)
Common name of host/prey: Japanese bayberry whitefly
Species Released: Encarsia sp. — Encarsia sp. I
Eretmocerus n. sp. — Eretmocerus sp.

Host/Prey Genus, species, author: Trialeurodes vaporariorum (Westwood)
Common name of host/prey: greenhouse whitefly
Species Released: Encarsia formosa

Family of Host/Prey: Aphididae
Host/Prey Genus, species, author: Acyrthosiphon kondoi Shinji
Common name of host/prey: blue alfalfa aphid
Species Released: Aphidius ervi

Host/Prey Genus, species, author: Acyrthosiphon pisum (Harris)
Common name of host/prey: pea aphid
Species Released: Aphidius ervi

Host/Prey Genus, species, author: Callaphis juglandis (Goeze)
Common name of host/prey: large walnut aphid
Species Released: Praon sp.

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host/Prey Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host/Prey Arranged Alphabetically by Common Name

Host/Prey Genus, species, author: Rhopalosiphum padi (Linnaeus)
Common name of host/prey: bird cherry-oat aphid
Species Released: Aphelinus asychis
Praon volucre
Aphidius uzbekistanicus

Host/Prey Genus, species, author: Schizaphis graminum (Rondani)
Common name of host/prey: greenbug
Species Released: Ephedrus plagiator

Family of Host/Prey: Coccidae

Host/Prey Genus, species, author: Pulvinaria delotti Gill
Common name of host/prey: --
Species Released: Encyrtus saliens
Hyperaspis senegalensis hottentotta
Metaphycus stramineus
Exochomus flavipes
Metaphycus funicularis

Host/Prey Genus, species, author: Pulvinariella mesembryanthemi (Vallot)
Common name of host/prey: ice plant scale
Species Released: Encyrtus saliens
Hyperaspis senegalensis hottentotta
Metaphycus stramineus
Exochomus flavipes
Metaphycus funicularis

Host/Prey Genus, species, author: Saissetia oleae (Olivier)
Common name of host/prey: black scale
Species Released: Aloencyrtus saissetiae
Prococcophagus probus
Coccophagus rusti
Prococcophagus saissetiae

Family of Host/Prey: Delphacidae

Host/Prey Genus, species, author: Perkinsiella saccharicida Kirkaldy
Common name of host/prey: sugarcane delphacid
Species Released: Tytthus mundulus

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host/Prey Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host/Prey Arranged Alphabetically by Common Name

Family of Host/Prey: Diaspididae
Host/Prey Genus, species, author: Aonidiella aurantii (Maskell)
Common name of host/prey: California red scale
Species Released: Aphytis melinus
Aspidiotiphagus sp.
Comperiella sp.
Aphytis sp.
Comperiella bifasciata
Habrolepis sp.

Host/Prey Genus, species, author: Pseudaulacaspis pentagona (Targioni-Tozzetti)
Common name of host/prey: white peach scale
Species Released: Arrhenophagus chionaspidis

Host/Prey Genus, species, author: Pseudaulacaspis prunicola (Maskell)
Common name of host/prey: --
Species Released: Arrhenophagus chionaspidis

Host/Prey Genus, species, author: Quadraspidiotus perniciosus (Comstock)
Common name of host/prey: San Jose scale
Species Released: Aphytis aonidiae

Host/Prey Genus, species, author: Unaspis euonymi (Comstock)
Common name of host/prey: euonymus scale
Species Released: Pteroptrix n. sp.

Family of Host/Prey: Psyllidae
Host/Prey Genus, species, author: Psylla pyricola Förster
Common name of host/prey: pear psylla
Species Released: Calvia quatuordecimguttata
Harmonia conformis
Oenopia conglobata
Harmonia axyridis
Menochilus quadriplagiatus
Propylea quatuordecimpunctata

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host/Prey Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host/Prey Arranged Alphabetically by Common Name

Order of Host/Prey: Hymenoptera
- Family of Host/Prey: Diprionidae
  - Host/Prey Genus, species, author: Diprion similis (Hartig)
    - Common name of host/prey: introduced pine sawfly
      - Species Released: Chrysonotomyia formosa — Chrysonotomyia ruforum
  - Host/Prey Genus, species, author: Neodiprion sertifer (Geoffroy)
    - Common name of host/prey: European pine sawfly
      - Species Released: Lophyroplectus oblongopunctatus
- Family of Host/Prey: Tenthredinidae
  - Host/Prey Genus, species, author: Fenusa pusilla (Lepeletier)
    - Common name of host/prey: birch leafminer
      - Species Released: Grypocentrus albipes — Lathrolestes nigricollis
  - Host/Prey Genus, species, author: Pristiphora erichsonii (Hartig)
    - Common name of host/prey: larch sawfly
      - Species Released: Olesicampe benefactor

Order of Host/Prey: Lepidoptera
- Family of Host/Prey: various
  - Host/Prey Genus, species, author: other lepidopterous alternate hosts
    - Common name of host/prey:
      - Species Released: Brachymeria intermedia — Brachymeria lasus
  - Host/Prey Genus, species, author: potential alternate lepidopterous hosts
    - Common name of host/prey: See Note 137
      - Species Released: Compsilura concinnata — Meteorus pulchricornis
- Family of Host/Prey: Arctiidae
  - Host/Prey Genus, species, author: Hyphantria cunea (Drury)
    - Common name of host/prey: fall webworm
      - Species Released: Brachymeria intermedia — Glyptapanteles flavicoxis
- Family of Host/Prey: Coleophoridae
  - Host/Prey Genus, species, author: Coleophora laricella (Hübner)
    - Common name of host/prey: larch casebearer
      - Species Released: Diadegma laricinellum

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host/Prey Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host/Prey Arranged Alphabetically by Common Name

Family of Host/Prey: Gelechiidae
Host/Prey Genus, species, author: Keiferia lycopersicella (Walsingham)
Common name of host/prey: tomato pinworm
Species Released: Apanteles scutellaris
Pseudapanteles dignus
Campoplex n. sp.
Sympiesis stigmatipennis

Host/Prey Genus, species, author: Pectinophora gossypiella (Saunders)
Common name of host/prey: pink bollworm
Species Released: Bracon gelechiae
Goniozus legneri

Family of Host/Prey: Geometridae
Host/Prey Genus, species, author: Operophtera brumata (Linnaeus)
Common name of host/prey: winter moth
Species Released: Agrypon flaveolatum
Cyzenis albicans

Family of Host/Prey: Gracillariidae
Host/Prey Genus, species, author: Phyllonorycter crataegella (Clemens)
Common name of host/prey: apple blotch leafminer
Species Released: Holcothorax testaceipes
Pholetesor pedias

Family of Host/Prey: Lymantriidae
Host/Prey Genus, species, author: Lymantria dispar (Linnaeus)
Common name of host/prey: gypsy moth
Species Released: Anastatus disparis
Brachymeria lasus
Cotesia melanoscelus
Glyptapanteles indiensis
Meteorus pulchricornis
Brachymeria intermedia
Compsilura concinnata
Glyptapanteles flavicoxis
Hyposoter lymantriae
Rogas lymantriae

Host/Prey Genus, species, author: Orgyia leucostigma (J.E.Smith)
Common name of host/prey: whitemarked tussock moth
Species Released: Rogas lymantriae

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host/Prey Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host/Prey Arranged Alphabetically by Common Name

Family of Host/Prey: Noctuidae
Host/Prey Genus, species, author: Anticarsia gemmatalis Hübner
Common name of host/prey: velvetbean caterpillar
Species Released: Corsoncus magus
Glyptapanteles sp. prob. caffreyi
Zelomorpha sp.
Euplectrus puttleri
Microcharops bimaculata

Host/Prey Genus, species, author: Helicoverpa zea (Boddie)
Common name of host/prey: corn earworm, bollworm
Species Released: Microplitis demolitor
Trichogramma pretiosum

Host/Prey Genus, species, author: Heliothis virescens (Fabricius)
Common name of host/prey: tobacco budworm
Species Released: Microplitis demolitor
Trichogramma pretiosum

Host/Prey Genus, species, author: Pseudoplusia includens (Walker)
Common name of host/prey: soybean looper
Species Released: Cotesia ruficrus
Rogas sp.
Microplitis demolitor

Host/Prey Genus, species, author: Spodoptera frugiperda (J.E.Smith)
Common name of host/prey: fall armyworm
Species Released: Microplitis manilae

Host/Prey Genus, species, author: Spodoptera spp.
Common name of host/prey:
Species Released: Microplitis manilae

Host/Prey Genus, species, author: Trichoplusia ni (Hübner)
Common name of host/prey: cabbage looper
Species Released: Pediobius facialis

Family of Host/Prey: Plutellidae
Host/Prey Genus, species, author: Plutella xylostella (Linnaeus)
Common name of host/prey: diamondback moth
Species Released: Cotesia plutellae

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host/Prey Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host/Prey Arranged Alphabetically by Common Name

Family of Host/Prey: Pyralidae
Host/Prey Genus, species, author: Amyelois transitella (Walker)
Common name of host/prey: navel orangeworm
Species Released: Bracon gelechiae — Goniozus legneri
Pentalitomastix plethorica — Phanerotoma sp.
Trichogramma sp.

Host/Prey Genus, species, author: Eoreuma loftini (Dyar)
Common name of host/prey: Mexican rice borer
Species Released: Allorhogas pyralophagus — Cotesia flavipes

Family of Host/Prey: Saturniidae
Host/Prey Genus, species, author: Hemileuca oliviae Cockerell
Common name of host/prey: range caterpillar
Species Released: Brachymeria intermedia — Brachymeria lasus
Coccygomimus disparis

Family of Host/Prey: Tortricidae
Host/Prey Genus, species, author: Rhyacionia frustrana (Comstock)
Common name of host/prey: Nantucket pine tip moth
Species Released: Campoplex frustranae

Family of Host/Prey: Zygaenidae
Host/Prey Genus, species, author: Harrisina brillians Barnes & McDunnough
Common name of host/prey: western grapeleaf skeletonizer
Species Released: Ametadoria misella — Glyptapanteles harrisinae

Order of Host/Prey: Orthoptera
Family of Host/Prey: Gryllotalpidae
Host/Prey Genus, species, author: Scapteriscus borellii Giglio-Tos
Common name of host/prey: southern mole cricket
Species Released: Larra bicolor

Host/Prey Genus, species, author: Scapteriscus vicinus Scudder
Common name of host/prey: tawny mole cricket
Species Released: Larra bicolor

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host/Prey Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host/Prey Arranged Alphabetically by Common Name

Common Name	Genus-species	Order:Family
	other test hosts, see NOTE: 022	Coleoptera:
	potential lepidopterous hosts, see NOTE: 137	Lepidoptera:
--	Pseudaulacaspis prunicola	Homoptera:Diaspididae
--	Pulvinaria delotti	Homoptera:Coccidae
alfalfa blotch leafminer	Agromyza frontella	Diptera:Agromyzidae
alfalfa plant bug	Adelphocoris lineolatus	Heteroptera:Miridae
alfalfa weevil	Hypera postica	Coleoptera:Curculionidae
apple blotch leafminer	Phyllonorycter crataegella	Lepidoptera:Gracillariidae
avocado brown mite	Oligonychus punicae	Acariformes:Tetranychidae
bark beetles	Dendroctonus spp.	Coleoptera:Scolytidae
birch leafminer	Fenusa pusilla	Hymenoptera:Tenthredinidae
bird cherry-oat aphid	Rhopalosiphum padi	Homoptera:Aphididae
black scale	Saissetia oleae	Homoptera:Coccidae
blue alfalfa aphid	Acyrthosiphon kondoi	Homoptera:Aphididae
boll weevil	Anthonomus grandis	Coleoptera:Curculionidae
broad mite	Polyphagotarsonemus latus	Acariformes:Tarsonemidae
brown garden snail	Helix aspersa	Pulmonata:Helicidae
brownbanded cockroach	Supella longipalpa	Blattodea:Blattellidae
cabbage looper	Trichoplusia ni	Lepidoptera:Noctuidae
California red scale	Aonidiella aurantii	Homoptera:Diaspididae
Caribbean fruit fly	Anastrepha suspensa	Diptera:Tephritidae
carmine spider mite	Tetranychus cinnabarinus	Acariformes:Tetranychidae
cereal leaf beetle	Oulema melanopus	Coleoptera:Chrysomelidae
citrus red mite	Panonychus citri	Acariformes:Tetranychidae
citrus rust mite	Phyllocoptruta oleivora	Acariformes:Eriophyidae
citrus whitefly	Dialeurodes citri	Homoptera:Aleyrodidae
clover root curculio	Sitona hispidulus	Coleoptera:Curculionidae
Colorado potato beetle	Leptinotarsa decemlineata	Coleoptera:Chrysomelidae
corn earworm, bollworm	Helicoverpa zea	Lepidoptera:Noctuidae
diamondback moth	Plutella xylostella	Lepidoptera:Plutellidae
driedfruit beetle	Carpophilus hemipterus	Coleoptera:Nitidulidae
Egyptian alfalfa weevil	Hypera brunnipennis	Coleoptera:Curculionidae
elm leaf beetle	Pyrrhalta luteola	Coleoptera:Chrysomelidae
euonymus scale	Unaspis euonymi	Homoptera:Diaspididae
European pine sawfly	Neodiprion sertifer	Hymenoptera:Diprionidae
fall armyworm	Spodoptera frugiperda	Lepidoptera:Noctuidae
fall webworm	Hyphantria cunea	Lepidoptera:Arctiidae
giant African snail	Achatina fulica	Pulmonata:Achatinidae
greenbug	Schizaphis graminum	Homoptera:Aphididae
greenhouse whitefly	Trialeurodes vaporariorum	Homoptera:Aleyrodidae
gypsy moth	Lymantria dispar	Lepidoptera:Lymantriidae

SECTION I - INTRODUCED PARASITES AND PREDATORS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host/Prey Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host/Prey Arranged Alphabetically by Common Name

Common Name	Genus-species	Order:Family
horn fly	Haematobia irritans	Diptera:Muscidae
ice plant scale	Pulvinariella mesembryanthemi	Homoptera:Coccidae
introduced pine sawfly	Diprion similis	Hymenoptera:Diprionidae
Japanese bayberry whitefly	Parabemisia myricae	Homoptera:Aleyrodidae
larch casebearer	Coleophora laricella	Lepidoptera:Coleophoridae
larch sawfly	Pristiphora erichsonii	Hymenoptera:Tenthredinidae
large walnut aphid	Callaphis juglandis	Homoptera:Aphididae
leafminer	Liriomyza trifolii	Diptera:Agromyzidae
Mexican bean beetle	Epilachna varivestis	Coleoptera:Coccinellidae
Mexican rice borer	Eoreuma loftini	Lepidoptera:Pyralidae
Nantucket pine tip moth	Rhyacionia frustrana	Lepidoptera:Tortricidae
navel orangeworm	Amyelois transitella	Lepidoptera:Pyralidae
pea aphid	Acyrthosiphon pisum	Homoptera:Aphididae
pea leaf weevil	Sitona lineatus	Coleoptera:Curculionidae
pear psylla	Psylla pyricola	Homoptera:Psyllidae
pineapple souring beetle	Carpophilus humeralis	Coleoptera:Nitidulidae
pink bollworm	Pectinophora gossypiella	Lepidoptera:Gelechiidae
plant bugs	Lygus spp.	Heteroptera:Miridae
range caterpillar	Hemileuca oliviae	Lepidoptera:Saturniidae
San Jose scale	Quadraspidiotus perniciosus	Homoptera:Diaspididae
smaller European elm bark beetle	Scolytus multistriatus	Coleoptera:Scolytidae
southern corn rootworm	Diabrotica undecimpunctata howardi	Coleoptera:Chrysomelidae
southern green stink bug	Nezara viridula	Heteroptera:Pentatomidae
southern mole cricket	Scapteriscus borellii	Orthoptera:Gryllotalpidae
soybean looper	Pseudoplusia includens	Lepidoptera:Noctuidae
spiraling whitefly	Aleurodicus dispersus	Homoptera:Aleyrodidae
sugarcane delphacid	Perkinsiella saccharicida	Homoptera:Delphacidae
tarnished plant bug	Lygus lineolaris	Heteroptera:Miridae
tawny mole cricket	Scapteriscus vicinus	Orthoptera:Gryllotalpidae
tobacco budworm	Heliothis virescens	Lepidoptera:Noctuidae
tomato pinworm	Keiferia lycopersicella	Lepidoptera:Gelechiidae
twospotted spider mite	Tetranychus urticae	Acariformes:Tetranychidae
vegetable leafminer	Liriomyza sativae	Diptera:Agromyzidae
velvetbean caterpillar	Anticarsia gemmatalis	Lepidoptera:Noctuidae
walnut husk fly	Rhagoletis completa	Diptera:Tephritidae
western grapeleaf skeletonizer	Harrisina brillians	Lepidoptera:Zygaenidae
western tarnished plant bug	Lygus hesperus	Heteroptera:Miridae
white peach scale	Pseudaulacaspis pentagona	Homoptera:Diaspididae
whitemarked tussock moth	Orgyia leucostigma	Lepidoptera:Lymantriidae
winter moth	Operophtera brumata	Lepidoptera:Geometridae
woolly whitefly	Aleurothrixus floccosus	Homoptera:Aleyrodidae

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Aceria chondrillae (Canestrini) Acariformes Eriophyidae	WA, Spokane WASU/GLP	WA Adams 1000000e A,N 2 Aug	WASU-GLP-82-0002-5 WASU Piper, G L	Chondrilla juncea Linnaeus rush skeletonweed
	WA, Spokane WASU/GLP	WA Franklin 1000000e A,N 1 Aug	WASU-GLP-82-0002-7 WASU Piper, G L	SAME
	WA, Spokane WASU/GLP	WA Garfield 1000000e A,N 1 Jul	WASU-GLP-82-0002-4 WASU Piper, G L	SAME
	WA, Spokane WASU/GLP	WA Spokane 2000000e A,N 4 Jun to Aug	WASU-GLP-82-0002 WASU Piper, G L	SAME
	WA, Spokane WASU/GLP	WA Stevens 1000000e A,N 1 Aug	WASU-GLP-82-0002-6 WASU Piper, G L	SAME
	WA, Spokane WASU/GLP	WA Whitman 1000000e A,N 1 Jul	WASU-GLP-82-0002-3 WASU Piper, G L	SAME
Agasicles hygrophila Selman & Vogt Coleoptera Chrysomelidae	FL, ? CEJFL/	AL Baldwin 2500e A 1 May NOTE: 134	CEJFL-JMD-82-0001-2 CEMAL Eubanks, M J	Alternanthera philoxeroides (C. Martius) Griseb. alligatorweed
	FL, ? CEJFL/	AL Colbert 500e A 1 May NOTE: 084, 134	CEJFL-JMD-82-0003-2 TVAMSAL Murphy, D	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Agasicles hygrophila Selman & Vogt Coleoptera Chrysomelidae	FL, ? CEJFL/	AL Jackson 4500e A 2 May NOTE: 084, 134	CEJFL-JMD-82-0003 TVAMSAL Murphy, D	Alternanthera philoxeroides (C. Martius) Griseb. alligatorweed
	FL, ? CEJFL/	AL Marshall 1200e A 1 May NOTE: 084, 134	CEJFL-JMD-82-0003-1 TVAMSAL Murphy, D	SAME
	FL, ? CEJFL/	AL Mobile 2500e A 1 May NOTE: 134	CEJFL-JMD-82-0001-1 CEMAL Eubanks, M J	SAME
	FL, ? CEJFL/	GA Pierce-Brantley 1200e A 2 May NOTE: 134	CEJFL-JMD-82-0004-3 GADNR	SAME
	FL, ? CEJFL/	GA Tift 2000e A 3 May NOTE: 134	CEJFL-JMD-82-0004-1 GADNR Stephens, C	SAME
	FL, ? CEJFL/	GA Ware 600e A 1 May NOTE: 134	CEJFL-JMD-82-0004-4 GADNR	SAME
	FL, ? CEJFL/	GA Ware-Pierce 1200e A 2 May NOTE: 134	CEJFL-JMD-82-0004-2 GADNR	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Agasicles hygrophila Selman & Vogt Coleoptera Chrysomelidae	FL, ? CEJFL/	MS Leflore 750e A 1 May NOTE: 134	CEJFL-JMD-82-0005 MSDWC Pittman, W	Alternanthera philoxeroides (C. Martius) Griseb. alligatorweed
	SC, Charleston NCDA/CAN	NC New Hanover 200e A,L 1 May	NCDA-CAN-82-0001 NCCPL Schiller, D H	SAME
	FL, ? CEJFL/	SC ? ? e A 1 May NOTE: 133	CEJFL-JMD-82-0002 CECSC	SAME
	SC, Charleston BPCRU/GRB, SKP	SC Barnwell 203e A,L 1 May	FBCL-GRB-82-0005 SCSCSC Edwards, S	SAME
	SC, Charleston BPCRU/GRB, SKP	SC Barnwell 185e A 1 Jul	FBCL-GRB-82-0014 SCSCSC Melven, W J	SAME
Altica carduorum Guérin Coleoptera Chrysomelidae	Italy BIIL-PPQ	MD Baltimore 100 A 1 Jun	BIIL-SWTB-82-0031 BIIL Norden, B M Hight, S D	Cirsium arvense (L.) Scop. Canada thistle
	Italy BIIL-PPQ	MD Prince Georges ? e A,L,E 1 Jun to Aug	BIIL-SWTB-82-1028 BIIL Batra, S W T	SAME
Botanophila seneciella (Meade) Diptera Anthomyiidae	France EPL/DC, RF	CA Del Norte 399 A 1 May	BCWRL-82-0002 RSWFA Westing, R S	Senecio jacobaea Linnaeus tansy ragwort

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Botanophila seneciella (Meade) Diptera Anthomyiidae	France EPL/DC, RF	WA Lewis 400 A 1 Jun	BCWRL-82-0006 WASUEXTL Brosnahan, J J	Senecio jacobaea Linnaeus tansy ragwort
	France EPL/DC, RF	WA Lewis 174 A 1 Jun	BCWRL-82-0015 WASUEXTL Brosnahan, J J	SAME
Calophasia lunula (Hufnagel) Lepidoptera Noctuidae	Canada CDARPS/JSK	ID Kootenai 80e L 1 Jun	BCWRL-82-0007 UID McCaffrey, J P	Linaria dalmatica (L.) Mill. Dalmatian toadflax
	Canada CDARPS/JSK	ID Kootenai 250 L 1 Jun	BCWRL-82-0014 UID McCaffrey, J P	SAME
	Canada CDARPS/JSK	MT Missoula 440 L 1 Jul	BCWRL-82-0033-1 MTSUC Story, J M	SAME
	Canada CDARPS/JSK	MT Ravalli 98 L 1 Jun NOTE: 113	BCWRL-82-0009 MTSUC Story, J M	SAME
	Canada CDARPS/JSK	MT Ravalli 30 L 1 Jul	BCWRL-82-0033-2 MTSUC Story, J M	SAME
	Canada CDARPS/JSK	WA Ferry 171 L 1 Jul	BCWRL-82-0032 WAFCNWCB Bradburn, S	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Calophasia lunula (Hufnagel) Lepidoptera Noctuidae	Canada BCWRL	WA Klickitat 325 L 1 Aug	WASU-GLP-82-0006-2 WAKNWCB Gorman, R	Linaria dalmatica (L.) Mill. Dalmatian toadflax
	Canada CDARPS/JSK	WA Spokane 50 L 1 Jun	BCWRL-82-0008 WASU Piper, G L	SAME
	Canada CDARPS/JSK	WA Spokane 100 L 1 Jun	BCWRL-82-0012-2 WASU Piper, G L	SAME
	Canada BCWRL	WA Spokane 301 L 1 Aug	WASU-GLP-82-0006-1 WASU Piper, G L	SAME
	Canada CDARPS/JSK	WA Yakima 100e L 1 Jun	BCWRL-82-0012-1 FSYWA Lattonius, S	SAME
	Canada CDARPS/JSK	WY Laramie 215 L 1 Jul	BCWRL-82-0034 UWY Hoel, C McNamee, T	SAME
Chrysolina quadrigemina (Suffrian) Coleoptera Chrysomelidae	CA, Sacramento CABCSP/LGB, KAC	CA Calaveras 7750e A 1 May	CABCSP-CDH-82-0001-4 AGBCA Ghirrardelli, A	Hypericum perforatum Linnaeus common St. Johnswort
	CA, Sacramento CABCSP/LGB, KAC	CA Madera 3500e A ? May	CABCSP-CDH-82-0001-2 CABCSP Bezark, L G	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Chrysolina quadrigemina (Suffrian) Coleoptera Chrysomelidae	CA, Sacramento CABCSP/LGB, KAC	CA Mariposa 3500e A ? May	CABCSP-CDH-82-0001-3 CAMCDA Parker, C	Hypericum perforatum Linnaeus common St. Johnswort
	CA, Sacramento CABCSP/LGB, KAC	CA Monterey 4000e A ? May	CABCSP-CDH-82-0001-1 CABCSP Bezark, L G	SAME
	WA, Whitman WASU/GLP	WA Asotin 12000e A 1 Jun	WASU-GLP-82-0001-6 WASU Piper, G L	SAME
	WA, Whitman WASU/GLP	WA Ferry 12000e A 1 Jun	WASU-GLP-82-0001-4 WASU Piper, G L	SAME
	WA, Whitman WASU/GLP	WA Garfield 36000e A 1 May to Jun	WASU-GLP-82-0001-3 WASU Piper, G L	SAME
	WA, Whitman WASU/GLP	WA Klickitat 11468e A 1 May to Jun	WASU-GLP-82-0001-2 WASU Piper, G L	SAME
	WA, Whitman WASU/GLP	WA Okanogan 16000e A 1 Jun	WASU-GLP-82-0001-5 WASU Piper, G L	SAME
	WA, Whitman WASU/GLP	WA Pend Oreille 4000e A 1 Jun	WASU-GLP-82-0001-7 WASU Piper, G L	SAME
	WA, Whitman WASU/GLP	WA Whitman 12000e A 2 May	WASU-GLP-82-0001-1 WASU Piper, G L	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Coleophora klimeschiella Toll Lepidoptera Coleophoridae	CA, Fresno CABCSP/JH, BV	CA Butte ? e A 2 Jun	CABCSP-CDH-82-0002 CABCDA CABCSP Mattoon, S Villegas, B	Salsola australis R. Br. Russian thistle
	CA, Fresno CABCSP/TE, JH	CA Butte 277 A 1 Jul	CABCSP-CDH-82-0009-3 CABCSP Waller, J	SAME
	CA, Fresno CABCSP/TE, JH	CA Fresno 421 A 1 Jun to Jul	CABCSP-CDH-82-0009-1 CABCSP Waller, J Esser, T	SAME
	CA, Fresno CABCSP/GL, JH	CA Fresno 568 A 2 Aug	CABCSP-CDH-82-0011 CABCSP Luna, G Halstead, J	SAME
	CA, Fresno CABCSP/GL, JH	CA Kern 1290 A 9 Aug	CABCSP-CDH-82-0010 CAKCDA Poore, D	SAME
	CA, Fresno CABCSP/GL, JH	CA Kern 630 A 4 Aug	CABCSP-CDH-82-0014 CAKCDA Poore, D	SAME
	CA, Fresno CABCSP/JH, BV	CA Sacramento 100 A 2 May	CABCSP-CDH-82-0002 CABCSP Esser, T	SAME
	CA, Fresno CABCSP/TE, JH	CA Tulare 1189 A 4 Jun to Jul	CABCSP-CDH-82-0009 CABCSP Esser, T Villegas, B	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Coleophora klimieschiella Toll Lepidoptera Coleophoridae	CA, Fresno BCWRL/GRJ	CO Mesa 236 A 2 Aug	BCWRL-RWP-82-0011 CODA Merlino, A J	Salsola australis R. Br. Russian thistle
	CA, Fresno BCWRL/GRJ	KS Russell 99 A 1 Aug	BCWRL-RWP-82-0013 KSSU Horber, E K	SAME
	CA, Fresno BCWRL/GRJ	MT Judith Basin 150 A 1 Aug	BCWRL-RWP-82-0012 MTSUM Rardon, P L *	SAME
	CA, Fresno BCWRL/GRJ	WY Sublette 219 A 1 Aug	BCWRL-RWP-82-0010 UWY WYSCWPCD Hoel, C Burroughs, L	SAME
Hadroplontus litura (Fabricius) Coleoptera Curculionidae	MT, Gallatin BIIL/JLS	MD Prince Georges 240e L 1 Jun NOTE: 011	BIIL-SWTB-82-0032 BIIL Strachan, J L Hight, S D	Cirsium arvense (L.) Scop. Canada thistle
Hyles euphorbiae (Linnaeus) Lepidoptera Sphingidae	NY, Warren BIIL/SWTB	MD Prince Georges ? e P 1 Dec	BIIL-SWTB-82-0058 BIIL Batra, S W T	Euphorbia cyparissias Linnaeus cypress spurge Euphorbia esula Linnaeus leafy spurge
	NY, Warren BIIL/SWTB	NY Essex 20 L 1 Jul	BIIL-SWTB-82-0043 BIIL Batra, S W T	Euphorbia cyparissias Linnaeus cypress spurge

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Hyles euphorbiae (Linnaeus) Lepidoptera Sphingidae	NY, Warren BIIL/SWTB	NY Orange 50 L 1 Jul	BIIL-SWTB-82-0044 BIIL Batra, S W T	Euphorbia esula Linnaeus leafy spurge
	NY, Warren BIIL/SWTB	NY St Lawrence 52 L 1 Jul	BIIL-SWTB-82-0042 BIIL Batra, S W T	SAME
Metzneria paucipunctella Zeller Lepidoptera Gelechiidae	Canada-BC MTSUC/JMS CDARSK/PH	MT Missoula 696 A 1 Jul NOTE: 101	MTSUC-JMS-82-0008 MTSUC Story, J M	Centaurea maculosa Lam. spotted knapweed
Microlarinus lareynii (Jacquelin du Val) Coleoptera Curculionidae	CA, Tulare CABCSP/LGB	CA Monterey 300e A 1 Aug	CABCSP-CDH-82-0022-2 UCEXTMC Agamalian, H	Tribulus terrestris Linnaeus puncturevine
	CA, Tulare CABCSP/LGB	CA San Luis Obispo 250e A 1 Aug	CABCSP-CDH-82-0022-1 CABCSP Bezark, L G	SAME
	CA, Tulare CABCSP/LGB	CA San Mateo 50e A 1 Aug	CABCSP-CDH-82-0022-3 CABCSP Casanave, K A	SAME
	CA, Tulare CABCSP/LGB	CA Santa Clara 125e A 2 Aug	CABCSP-CDH-82-0022 CABCSP Casanave, K A	SAME
	CA, Tulare CABCSP/KAC	CA Stanislaus 250e A 1 Aug	CABCSP-CDH-82-0024 CASCDA CABCSP Beebout, G Casanave, K A	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Microlarinus lareynii (Jacquelin du Val) Coleoptera Curculionidae	CA, Tulare CABCSP/GL, JH	CA Yolo 275e A 2 Sep	CABCSP-CDH-82-0026 CABCSP KSKLCA Bezark, L G Smallenburg, K	Tribulus terrestris Linnaeus puncturevine
	CO, Baca CODA/DMN	ID ? ? e A 1 NOTE: 136	CODA-DMN-82-0001 UID ?	SAME
	CA, Contra Costa BCWRL/AM	OR Jackson 500e A 1 Aug	BCWRL-DMM-82-0008 OR Squires, D	SAME
	CO, Baca CODA/DMN	WA Whitman 189 A 1 Sep	CODA-DMN-82-0002 WASU Piper, G L	SAME
Microlarinus lypriformis (Wollaston) Coleoptera Curculionidae	CA, Tulare CABCSP/LGB	CA Monterey 300e A 1 Aug	CABCSP-CDH-82-0021-2 UCEXTMC Agamalian, H	SAME
	CA, Tulare CABCSP/LGB	CA San Luis Obispo 250e A 1 Aug	CABCSP-CDH-82-0021-1 CABCSP Bezark, L G	SAME
	CA, Tulare CABCSP/LGB	CA San Mateo 50e A 1 Aug	CABCSP-CDH-82-0021-3 CABCSP Casanave, K A	SAME
	CA, Tulare CABCSP/LGB	CA Santa Clara 125e A 2 Aug	CABCSP-CDH-82-0021 CABCSP Casanave, K A	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Microlarinus lypriformis (Wollaston) Coleoptera Curculionidae	CA, Tulare CABCSP/KAC	CA Stanislaus 250e A 1 Aug	CABCSP-CDH-82-0023 CASCDA CABCSP Beebout, G Casanave, K A	Tribulus terrestris Linnaeus puncturevine
	CA, Tulare CABCSP/GL, JH	CA Yolo 275e A 2 Sep	CABCSP-CDH-82-0025 CABCSP KSKLCA Bezark, L G Smallenburg, K	SAME
Neochetina bruchi Hustache Coleoptera Curculionidae	USA, FL BCWRL	CA San Joaquin 260e A,L 1 Jul NOTE: 011	AWCRL-LWA-82-0001 AWCRL Anderson, L W	Eichhornia crassipes (C.Mart.)Solms-Laub. waterhyacinth
	USA-FL APML/TDC	CA San Joaquin 150 A 2 Jul	BCWRL-82-1035 BCWRL Andres, L A	SAME
	USA-FL APML/TDC	CA San Joaquin 70 A 1 Aug	BCWRL-82-1036 BCWRL Roy, J P	SAME
	USA-TX CEVMS/AFC, RMS	CA San Joaquin 775 A 2 Oct	BCWRL-82-0041 CABCSP BCWRL Bezark, L G Andres, L A	SAME
Oberea erythrocephala (Schrank) Coleoptera Cerambycidae	Italy, Tuscany BCWLE/AR	MT Gallatin 291 A 2 Jul	BCWRL-82-0025 RIL Rees, N E	Euphorbia esula Linnaeus leafy spurge

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Oberea erythrocephala (Schrank) Coleoptera Cerambycidae	Italy, Tuscany BCWLE/AR	MT Gallatin 487 A 1 Jul	BCWRL-82-0030 RIL Rees, N E	Euphorbia esula Linnaeus leafy spurge
	Italy, Tuscany BCWLE/AR	MT Gallatin 58 A 1 Jul	BCWRL-82-0036 RIL Rees, N E	SAME
	Austria CIBCESAU/LH	MT Ravalli 37 A 1 Jul	BCWRL-82-0035 MTSUC Story, J M	SAME
	Italy, Tuscany BCWLE/AR	OR Klamath 342 A 1 Jun	BCWRL-82-2023 BCWRL Johnson, G R	SAME
	Italy, Tuscany BCWLE/AR	WY Lincoln 302 A 1 Jul	BCWRL-82-0026 UWY Hoel, C Nield, S	SAME
Phrydiuchus tau Warner Coleoptera Curculionidae	OR, Lake CABCSP/DBJ	CA Modoc 500e A 1 Nov	CABCSP-CDH-82-0027 CABCSP Joley, D B Supkoff, D M	Salvia aethiopis Linnaeus Mediterranean sage
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	MO, Webster BCIRL/BP	AR Carroll 500e A 1 May	BCIRL-BP-82-0003 UAR Jones, B F Plumlee, H	Carduus nutans Linnaeus musk thistle
	MO, Webster UMO/ MODA/	AR Carroll 500e A 1 May NOTE: 097	UMO-MLF-82-0002	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	CO, Larimer Co CODA/FJS	CO Boulder 3500e A ? May to Jun NOTE: 108	CODA-FJS-82-0001-2 CODA Stahl, F J	Carduus nutans Linnaeus musk thistle
	CO, Mesa Co CODA/FJS	CO Eagle 750e A ? Jun NOTE: 108	CODA-FJS-82-0002-4 CODA Stahl, F J	SAME
	CO, Mesa Co CODA/FJS	CO El Paso 1000e A ? Jun NOTE: 108	CODA-FJS-82-0002-2 CODA Stahl, F J	SAME
	CO, Mesa Co CODA/FJS	CO Elbert 750e A ? Jun NOTE: 108	CODA-FJS-82-0002-3 CODA Stahl, F J	SAME
	CO, Mesa Co CODA/FJS	CO Gilpin 250e A ? Jun NOTE: 108	CODA-FJS-82-0002-1 CODA Stahl, F J	SAME
	CO, Larimer Co CODA/FJS	CO Jefferson 500e A ? May NOTE: 108	CODA-FJS-82-0001-4 CODA Stahl, F J	SAME
	CO, Mesa Co CODA/FJS	CO Jefferson 250e A ? Jun NOTE: 108	CODA-FJS-82-0002-5 CODA Stahl, F J	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	CO, Larimer Co CODA/FJS	CO Larimer 3600e A ? May NOTE: 108	CODA-FJS-82-0001-1 CODA Stahl, F J	Carduus nutans Linnaeus musk thistle
	MT, Gallatin RIL/NER	CO Larimer 1000e A 1 May NOTE: 102	RIL-NER-82-0003 CORB Broda, R	SAME
	CO, Larimer Co CODA/FJS	CO Mesa 3800e A ? Jun NOTE: 108	CODA-FJS-82-0001-6 CODA Stahl, F J	SAME
	CO, Larimer Co CODA/FJS	CO Pitkin 11500e A ? May NOTE: 108	CODA-FJS-82-0001-5 CODA Stahl, F J	SAME
	CO, Larimer Co CODA/FJS	CO Weld 1750e A ? May NOTE: 108	CODA-FJS-82-0001-3 CODA Stahl, F J	SAME
	MT, Gallatin RIL/NER	IA Clay 3500e A 1 May NOTE: 102	RIL-NER-82-0004 IASUEXT Greene, B	SAME
	MT, Gallatin RIL/NER	ID ? 1000e A 1 May NOTE: 102, 136	RIL-NER-82-0007 BLMBID Madenford, G	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	MT, Gallatin RIL/NER	ID Lemhi 500e A 1 May NOTE: 102	RIL-NER-82-0001 IDDF Fritz, D	Carduus nutans Linnaeus musk thistle
	MT, Gallatin RIL/NER	ID Washington 1000e A 1 May NOTE: 102	RIL-NER-82-0005 IDBLLCC Munser, J	SAME
	MT, Gallatin RIL/NER	IL ? ? e A 1 May NOTE: 102	RIL-NER-82-0002 ILDA Hogancamp, J C	SAME
	MT, Gallatin RIL/NER	IN Moultrie 4000e A 1 May NOTE: 102	RIL-NER-82-0006 INTW Woriud, T	SAME
	NE, Valley COMJJHNE/JJH	KS Cloud 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0025 KS-2 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	KS Cloud 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0027 KS-2 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	KS Cloud 2500e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0029 KS-2 Bus.Customer, JJH	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	NE, Valley COMJJHNE/JJH	KS Cloud 5000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0030 KS-2 Bus.Customer, JJH	Carduus nutans Linnaeus musk thistle
	NE, Valley COMJJHNE/JJH	KS Cloud 5000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0032 KS-2 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	KS Cloud 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0033 KS-5 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	KS Cloud 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0034 KS-2 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	KS Nemaha 10000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0024 KS-1 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	KS Republic 2500e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0028 KS-3 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	KS Republic 5000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0031 KS-4 Bus.Customer, JJH	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	MO, Webster UMO/ MODA/	MO Bates 500e A 1 May NOTE: 097	UMO-MLF-82-0001	Carduus nutans Linnaeus musk thistle
	MO, Webster UMO/ MODA/	MO Christian 1000e A 1 May NOTE: 097	UMO-MLF-82-0003	SAME
	MO, Webster UMO/ MODA/	MO Crawford 1000e A 2 May NOTE: 097	UMO-MLF-82-0004	SAME
	NE, Valley COMJJHNE/JJH	MO Daviess 10000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0026 MO-1 Bus.Customer, JJH	SAME
	MO, Webster UMO/ MODA/	MO Douglas 2500e A 5 May NOTE: 097	UMO-MLF-82-0005	SAME
	MO, Webster UMO/ MODA/	MO Henry 500e A 1 May NOTE: 097	UMO-MLF-82-0006	SAME
	MO, Webster UMO/ MODA/	MO Hickory 500e A 1 May NOTE: 097	UMO-MLF-82-0007	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	MO, Webster UMO/ MODA/	MO Johnson 1000e A 2 May NOTE: 097	UMO-MLF-82-0008	Carduus nutans Linnaeus musk thistle
	MO, Webster UMO/ MODA/	MO Laclede 1000e A 2 May NOTE: 097	UMO-MLF-82-0009	SAME
	MO, Webster UMO/ MODA/	MO Lawrence 500e A 1 May NOTE: 097	UMO-MLF-82-0010	SAME
	NE, Valley COMJJHNE/JJH	MO Marion 5000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0039 MO-6 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	MO Marion 6000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0042 MO-6 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	MO Marion 13000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0047 MO-6 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	MO Marion 16000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0048 MO-6 Bus.Customer, JJH	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	MO, Webster UMO/ MODA/	MO Ozark 1500e A 3 May NOTE: 097	UMO-MLF-82-0011	Carduus nutans Linnaeus musk thistle
	MO, Webster UMO/ MODA/	MO Pike 1000e A 2 May NOTE: 097	UMO-MLF-82-0012	SAME
	NE, Valley COMJJHNE/JJH	MO Pike 2000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0035 MO-2 Bus.Customer, JJH	SAME
	MO, Webster UMO/ MODA/	MO Platte 3000e A 6 May NOTE: 097	UMO-MLF-82-0013	SAME
	NE, Valley COMJJHNE/JJH	MO Ralls 4000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0036 MO-3 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	MO Ralls 2000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0037 MO-4 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	MO Ralls 2000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0038 MO-5 Bus.Customer, JJH	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	NE, Valley COMJJHNE/JJH	MO Ralls 2000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0040 MO-3 Bus.Customer, JJH	Carduus nutans Linnaeus musk thistle
	NE, Valley COMJJHNE/JJH	MO Ralls 2000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0041 MO-3 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	MO Ralls 2000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0043 MO-3 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	MO Ralls 2000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0044 MO-3 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	MO Ralls 2000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0045 MO-4 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	MO Ralls 4000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0046 MO-3 Bus.Customer, JJH	SAME
	MO, Webster UMO/ MODA/	MO St Louis 1000e A 2 May NOTE: 097	UMO-MLF-82-0014	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	MO, Webster UMO/ MODA/	MO Stone 1000e A 2 May NOTE: 097	UMO-MLF-82-0015	Carduus nutans Linnaeus musk thistle
	MO, Webster UMO/ MODA/	MO Taney 500e A 1 May NOTE: 097	UMO-MLF-82-0016	SAME
	MO, Webster UMO/ MODA/	MO Webster 2400e A 6 May NOTE: 097	UMO-MLF-82-0017	SAME
	MT, Gallatin RIL/NER BLMDMT/HRC	MT Beaverhead 2500e A 1 May NOTE: 102	RIL-NER-82-0010 BLMDMT Cosgriffe, H R	SAME
	MT, Gallatin RIL/NER MTGS/GS	MT Granite 1500e A 1 May NOTE: 102	RIL-NER-82-0037 MTGS Shaw, G	SAME
	MT, Gallatin RIL/NER FSEMT/VLL	MT Madison 1000e A 1 May NOTE: 102	RIL-NER-82-0011 FSEMT Lindsey, V L	SAME
	MT, Gallatin RIL/NER FSEMT/NF	MT Madison 500e A 1 May NOTE: 102	RIL-NER-82-0017 FSEMT Feiblinger, N	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	MT, Gallatin RIL/NER FSSLMT/JB	MT Missoula 1000e A 1 May NOTE: 102	RIL-NER-82-0015 FSSLMT Blackburn, J	Carduus nutans Linnaeus musk thistle
	MT, Gallatin RIL/NER WYJCR/JCR	MT Missoula 1000e A 1 May NOTE: 102	RIL-NER-82-0035 MTJCR Raser, J C	SAME
	MT, Gallatin RIL/NER MTTS/TS	MT Powell 500e A 1 May NOTE: 102	RIL-NER-82-0036 MTTS Sullivan, T	SAME
	MT, Gallatin RIL/NER MTHS/HS	MT Powell 500e A 1 May NOTE: 102	RIL-NER-82-0038 MTHS Schiele, H	SAME
	MT, Gallatin RIL/NER MTSUEXT/JC	MT Teton 2400e A 1 May NOTE: 102	RIL-NER-82-0012 MTSUEXT Cole, J	SAME
	NE, Valley COMJJHNE/JJH	NE Antelope 10000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0053 NE-32 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Boone 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0011 NE-25 Bus.Customer, JJH	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	NE, Valley COMJJHNE/JJH	NE Boone 5000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0049 NE-25 Bus.Customer, JJH	Carduus nutans Linnaeus musk thistle
	NE, Valley COMJJHNE/JJH	NE Boone 10000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0050 NE-25 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Boone 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0051 NE-31 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Boone 40000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0054 NE-25 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Buffalo 40000e A,P 1 Aug NOTE: 088, 089	COMJJHNE-JJH-82-0065 NE-36 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Buffalo 6000e A,P 1 Aug NOTE: 088, 089	COMJJHNE-JJH-82-0066 NE-36 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Clay 40000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0017 NE-27 Bus.Customer, JJH	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	NE, Valley COMJJHNE/JJH	NE Cuming 5000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0063 NE-35 Bus.Customer, JJH	Carduus nutans Linnaeus musk thistle
	NE, Valley COMJJHNE/JJH	NE Cuming 10000e A,P 1 Aug NOTE: 088, 089	COMJJHNE-JJH-82-0064 NE-35 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Custer 10000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0021 NE-29 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Custer 10000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0022 NE-29 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Custer 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0023 NE-30 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Dawson 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0012 NE-7 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Dawson 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0019 NE-7 Bus.Customer, JJH	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	NE, Valley COMJJHNE/JJH	NE Dawson 100000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0052 NE-7 Bus.Customer, JJH	Carduus nutans Linnaeus musk thistle
	MT, Gallatin RIL/NER	NE Dixon 500e A 1 May NOTE: 102	RIL-NER-82-0021 NEDHT Tracy, D H	SAME
	MT, Gallatin RIL/NER	NE Douglas 1500e A 1 May NOTE: 102	RIL-NER-82-0029 CEONE Dunwoody, D	SAME
	NE, Valley COMJJHNE/JJH	NE Furnas 30000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0057 NE-33 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Furnas 10000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0058 NE-33 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Furnas 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0059 NE-33 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Greeley 60000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0008 NE-23 Bus.Customer, JJH	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	NE, Valley COMJJHNE/JJH	NE Greeley 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0009 NE-23 Bus.Customer, JJH	Carduus nutans Linnaeus musk thistle
	NE, Valley COMJJHNE/JJH	NE Greeley 10000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0014 NE-23 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Greeley 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0020 NE-19 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Greeley 10000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0056 NE-19 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Howard 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0006 NE-22 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Howard 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0007 NE-22 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Howard 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0016 NE-10 Bus.Customer, JJH	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	NE, Valley COMJJHNE/JJH	NE Howard 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0018 NE-28 Bus.Customer, JJH	Carduus nutans Linnaeus musk thistle
	NE, Valley COMJJHNE/JJH	NE Howard 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0061 NE-22 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Knox 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0004 NE-17 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Knox 15000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0005 NE-17 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Knox 6000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0062 NE-3 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Madison 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0013 NE-26 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Merrick 87500e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0001 NE-11 Bus.Customer, JJH	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	NE, Valley COMJJHNE/JJH	NE Merrick 15000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0003 NE-21 Bus.Customer, JJH	Carduus nutans Linnaeus musk thistle
	NE, Valley COMJJHNE/JJH	NE Pawnee 40000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0015 NE-5 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Sherman 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0010 NE-24 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Sherman 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0055 NE-24 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Webster 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0060 NE-34 Bus.Customer, JJH	SAME
	NE, Valley COMJJHNE/JJH	NE Wheeler 20000e A,P 1 Jul NOTE: 088, 089	COMJJHNE-JJH-82-0002 NE-20 Bus.Customer, JJH	SAME
	NJ, ? NJDA/GWG, GR	NJ Burlington 1000e A 1 May	NJDA-GWG-82-0001-2 NJDA Garrison, H	SAME
	MD, Prince Georges BIIL/SWTB	NJ Gloucester 30 A 1 Jun	BIIL-SWTB-82-0027 BIIL Batra, S W T	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	NJ, ? NJDA/GWG, GR	NJ Hunterdon 766e A 2 Jun	NJDA-GWG-82-0001-6 NJDA Perini, J Schlaufman, C	Carduus nutans Linnaeus musk thistle
	NJ, ? NJDA/GWG, GR	NJ Salem 1000e A 1 May	NJDA-GWG-82-0001-1 NJDA Garrison, G W	SAME
	NJ, ? NJDA/GWG, GR	NJ Sussex 500e A 1 May	NJDA-GWG-82-0001-3 NJDA Mackenthun, D	Carduus acanthoides Linnaeus plumeless thistle
	NJ, ? NJDA/GWG, GR	NJ Warren 6200e A 6 May	NJDA-GWG-82-0001 NJDA Mackenthun, D Schlaufman, C	SAME Carduus nutans Linnaeus musk thistle
	MT, Gallatin COLL/XX	NV Elko ? e A 1 May NOTE: 088	COLL-X-82-0002 IDKH Howard, K	SAME
	MT, Gallatin RIL/NER	NV Lander 3000e A 1 May NOTE: 102	RIL-NER-82-0028 FSANV Nix, G	SAME
	CA, Shasta BCWRL/	NV Lander? 3000e A 1 May	BCWRL-SSR-82-0002 FSANV Nix, G	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	CA, Sacramento CA, Contra Costa BCWRL/AM, AM	OR Douglas 800e A 1 May	BCWRL-SSR-82-0001-2 ORDA Hawkes, R B	Silybum marianum (L.) Gaertner milk thistle
	CA, Sacramento CA, Contra Costa BCWRL/AM, AM	OR Linn 200e A 1 May	BCWRL-SSR-82-0001-1 ORDA Brown, J	SAME
	MT, Gallatin RIL/NER CEPSD/DD	SD Charles Mix 26500e A 1 May NOTE: 102	RIL-NER-82-0016 CEPSD Daum, D	Carduus nutans Linnaeus musk thistle
	MT, Gallatin RIL/NER	SD Charles Mix 24000e A 1 May NOTE: 102	RIL-NER-82-0022 CEPSD Daum, D	SAME
	MT, Gallatin RIL/NER	SD Charles Mix 25000e A 1 May NOTE: 102	RIL-NER-82-0023 SDRE Ehrishman, R	SAME
	MT, Gallatin RIL/NER	SD Hughes 1000e A 1 May NOTE: 102	RIL-NER-82-0030 CEODPSD Shea, M	SAME
	MT, Gallatin RIL/NER	SD Lawrence 1800e A 1 May NOTE: 102	RIL-NER-82-0027 SDSUEXTS Orme, L E	SAME
	MT, Gallatin RIL/NER	UT Cache 2800e A 1 May NOTE: 102	RIL-NER-82-0009 UTSUEXT Roberts, R S	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	MT, Gallatin RIL/NER	UT Daggett 500e A 1 May NOTE: 102	RIL-NER-82-0033 FSMUT Larson, B	Carduus nutans Linnaeus musk thistle
	MT, Gallatin COLL/XX	UT Rich ? e A 1 May	COLL-X-82-0001 UTDLL	SAME
	MT, Gallatin RIL/NER	UT Salt Lake 1000e A 1 May NOTE: 102	RIL-NER-82-0025 BLMSLCUT Page, R	SAME
	MT, Gallatin RIL/NER	UT Wayne 500e A 1 May NOTE: 102	RIL-NER-82-0031 BLMHUT Sip, L	SAME
	MT, Gallatin RIL/NER	UT Weber 2000e A 1 May NOTE: 102	RIL-NER-82-0008 FSOUT Curtis, D	SAME
	VA, Montgomery VPI/TJM, WTM	VA Albemarle 400e A 4 Jun	VPI-LTK-82-0005 VPI McAvoy, T J Mays, W T	Carduus acanthoides Linnaeus plumeless thistle
	VA, Montgomery VPI/TJM, WTM	VA Albemarle 500e A 1 Jun	VPI-LTK-82-0027 VAABK Kindrick, A B	Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	VA Augusta 100e A 1 Jun	VPI-LTK-82-0020 VPI McAvoy, T J Kok, L T	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	VA, Montgomery VPI/TJM, WTM	VA Charlottesville 500e A 1 Jun	VPI-LTK-82-0026 VABJS Shaw-Kennedy, B J	Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	VA Culpeper 200e A 2 Jun	VPI-LTK-82-0010 VPI Mays, W T Kok, L T	Carduus acanthoides Linnaeus plumeless thistle Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	VA Greene 100e A 1 Jun	VPI-LTK-82-0009 VPI McAvoy, T J Mays, W T	Carduus acanthoides Linnaeus plumeless thistle Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	VA Highland 500e A 1 Jun	VPI-LTK-82-0028 VAWBS Sheldon, W B	SAME
	VA, Montgomery VPI/TJM, WTM	VA Louisa 200e A 2 Jun	VPI-LTK-82-0006 VPI Mays, W T Kok, L T	Carduus acanthoides Linnaeus plumeless thistle
	VA, Montgomery VPI/TJM, WTM	VA Madison 100e A 1 Jun	VPI-LTK-82-0008 VPI McAvoy, T J Mays, W T	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	VA, Montgomery VPI/TJM, WTM	VA Orange 200e A 2 Jun	VPI-LTK-82-0007 VPI Kok, L T McAvoy, T J	Carduus acanthoides Linnaeus plumeless thistle
	VA, Montgomery VPI/TJM, WTM	VA Rockbridge 100e A 1 Jun	VPI-LTK-82-0021 VPI McAvoy, T J Mays, W T	Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	VA Shenandoah 200e A 2 Jun	VPI-LTK-82-0019 VPI McAvoy, T J Mays, W T	SAME
	MT, Gallatin WASU/GLP	WA Okanogan 3000e A 1 Jun NOTE: 102	RIL-NER-82-0018-1 WAONWCB Stiverson, J	SAME
	MT, Gallatin WASU/GLP	WA Walla Walla 2000e A 1 Jun NOTE: 102	RIL-NER-82-0018-2 WASUEXTW Gary, W	SAME
	MT, Gallatin UWY/RJL RIL/NER	WY Converse ? e A 1 May NOTE: 102	RIL-NER-82-0019-1 UWY Lavigne, R J	SAME
	MT, Gallatin RIL/NER WYCCWPCD/JGB	WY Crook 1500e A 1 May NOTE: 102	RIL-NER-82-0020 WYCCWPCD Bornkessel, J G	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	MT, Gallatin RIL/NER	WY Fremont 1200e A 1 May NOTE: 102	RIL-NER-82-0026 BIAFWWY Beneder, L	Carduus nutans Linnaeus musk thistle
	MT, Gallatin RIL/NER WYGCWPCD/RS	WY Goshen 1500e A 1 May NOTE: 102	RIL-NER-82-0014 WYGCWPCD Schwartzkopf, R	SAME
	MT, Gallatin RIL/NER WYLCWPCD/SN	WY Lincoln 1000e A 1 May NOTE: 102	RIL-NER-82-0032 WYLCWPCD Neil, S	SAME
	MT, Gallatin RIL/NER WYPCWPCD/RRP	WY Park 2000e A 1 May NOTE: 102	RIL-NER-82-0013 WYPCWPCD Parsons, R R	SAME
	MT, Gallatin UWY/RJL RIL/NER	WY Sublette ? e A 1 May NOTE: 102	RIL-NER-82-0019-2 UWY Lavigne, R J	SAME
	MT, Gallatin RIL/NER	WY Uinta 4000e A 1 May NOTE: 102	RIL-NER-82-0034 WYAP Jensen, J	SAME
Trichosirocalus horridus (Panzer) Coleoptera Curculionidae	VA, Montgomery VA, Pulaski VPI/LTK KSSU/EKH	KS Pottawatomie 150 A 1 Jun	VPI-LTK-82-0029-2 KSSU Horber, E K	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Trichosirocalus horridus (Panzer) Coleoptera Curculionidae	VA, Montgomery VA, Pulaski VPI/LTK KSSU/EKH	KS Riley 562 A 2 Jun	VPI-LTK-82-0029 KSSU Horber, E K	Cirsium vulgare (Savi) Tenore bull thistle Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	MD Frederick 100e A 2 Jun	VPI-LTK-82-0001 BIIL Batra, S W T	SAME
	VA, Montgomery VPI/TJM, WTM	MD Prince Georges 100e A 1 May	VPI-LTK-82-0001-1 BIIL Batra, S W T	SAME
	VA, Montgomery VPI/TJM, WTM	MO Webster 500e A 1 Jun	VPI-LTK-82-0003 BCIRL Puttler, B	SAME
	VA, Montgomery VPI/TJM, WTM	MT Gallatin 460e A 2 Jun	VPI-LTK-82-0002 RIL Rees, N E	SAME
	VA, Montgomery VPI/TJM, WTM	PA Cumberland 100e A 2 Jun	VPI-LTK-82-0001 BIIL Batra, S W T	Carduus acanthoides Linnaeus plumeless thistle Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	PA Franklin 200e A 3 Jun	VPI-LTK-82-0001 BIIL Batra, S W T	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Trichosirocalus horridus (Panzer) Coleoptera Curculionidae	VA, Montgomery VPI/TJM, WTM	VA Albemarle 600e A 4 Jun	VPI-LTK-82-0011 VPI McAvoy, T J Mays, W T	Carduus acanthoides Linnaeus plumeless thistle
	VA, Montgomery VPI/TJM, WTM	VA Augusta 300e A 2 Jun	VPI-LTK-82-0024 VPI McAvoy, T J Mays, W T	Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	VA Culpeper 300e A 2 Jun	VPI-LTK-82-0016 VPI Mays, W T McAvoy, T J	Carduus acanthoides Linnaeus plumeless thistle Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	VA Fauquier 750e A 5 Jun	VPI-LTK-82-0017 VPI McAvoy, T J Mays, W T	SAME
	VA, Montgomery VPI/TJM, WTM	VA Frederick 150e A 1 Jun	VPI-LTK-82-0022 VPI McAvoy, T J Mays, W T	SAME
	VA, Montgomery VPI/TJM, WTM	VA Greene 150e A 1 Jun	VPI-LTK-82-0015 VPI Mays, W T Kok, L T	SAME
				Carduus acanthoides Linnaeus plumeless thistle

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Trichosirocalus horridus (Panzer) Coleoptera Curculionidae	VA, Montgomery VPI/TJM, WTM	VA Loudoun 300e A 2 Jun	VPI-LTK-82-0018 VPI Kok, L T Mays, W T	Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	VA Louisa 300e A 2 Jun	VPI-LTK-82-0012 VPI Mays, W T Kok, L T	Carduus acanthoides Linnaeus plumeless thistle
	VA, Montgomery VPI/TJM, WTM	VA Madison 150e A 1 Jun	VPI-LTK-82-0014 VPI McAvoy, T J Mays, W T	SAME
	VA, Montgomery VPI/TJM, WTM	VA Orange 300e A 2 Jun	VPI-LTK-82-0013 VPI McAvoy, T J Mays, W T	SAME
	VA, Montgomery VPI/TJM, WTM	VA Rockbridge 150e A 1 Jun	VPI-LTK-82-0025 VPI McAvoy, T J Mays, W T	Carduus nutans Linnaeus musk thistle
	VA, Montgomery VPI/TJM, WTM	VA Shenandoah 300e A 2 Jun	VPI-LTK-82-0023 VPI Kok, L T McAvoy, T J	SAME
	VA, Montgomery VPI/TJM, WTM	WY Natrona 192e A 1 Jun	VPI-LTK-82-0004 UWY Lavigne, R J	SAME
Urophora affinis (Frauenfeld) Diptera Tephritidae	MT, Missoula	MT ? ? e L 1 May NOTE: 098, 099	MTSUC-JMS-82-0001	Centaurea maculosa Lam. spotted knapweed

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Urophora affinis (Frauenfeld) Diptera Tephritidae	Canada-BC MTSUC/JMS CDARSK/PH	MT Mineral 10000e A 1 Jun NOTE: 112	MTSUC-JMS-82-0007 MTSUC Story, J M	Centaurea maculosa Lam. spotted knapweed
Urophora cardui (Linnaeus) Diptera Tephritidae	Austria BCWLE/AR, PP	CA Shasta 199 A 1 Jul	BCWRL-82-0027-2 CABCSP Joley, D B Supkoff, D M	Cirsium arvense (L.) Scop. Canada thistle
	Austria BCWLE/AR, PP	CA Siskiyou 195 A 1 Jul	BCWRL-82-0027-1 CABCSP BCWRL Joley, D B Rosenthal, S S	SAME
	Austria BCWLE/AR, PP	CA Siskiyou 199 A 1 Jul	BCWRL-82-0029 CABCSP BCWRL Joley, D B Rosenthal, S S	SAME
	Austria BCWLE/AR, PP	CO Mesa 170 A 1 Jun	BCWRL-82-0018 CODA Merlino, A J Mowrer, K E	SAME
	Austria BCWLE/AR, PP	IA Cedar 359 A 1 Jun	BCWRL-82-0005 HHNHS Deets, T	SAME
	Austria BCWLE/AR, PP	MD Baltimore 290e A 1 Jun	BCWRL-82-0011-2 BIIL Batra, S W T	SAME
	MD, Prince Georges BIIL/SWTB	MD Frederick 278e A 2 May NOTE: 091	BIIL-SWTB-82-0011 BIIL Batra, S W T	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Urophora cardui (Linnaeus) Diptera Tephritidae	Austria BCWLE/AR, PP	MD Harford 195 A 1 Jun	BCWRL-82-0003 BIIL Batra, S W T	Cirsium arvense (L.) Scop. Canada thistle
	Austria BCWLE/AR, PP	MD Prince Georges 100 A 1 Jun	BCWRL-82-0011-1 BIIL Batra, S W T	SAME
	Austria BCWLE/AR, PP	MD Prince Georges 195 A 1 Jul	BCWRL-82-0022 BIIL Batra, S W T	SAME
	MD, Prince Georges BIIL/SWTB	MD Washington 290e A 3 May NOTE: 091	BIIL-SWTB-82-0012 BIIL Batra, S W T	SAME
	MD, Prince Georges BIIL/SWTB	MD Washington 80e A 1 May NOTE: 091	BIIL-SWTB-82-0013 BIIL Batra, S W T	SAME
	Austria BCWLE/AR, PP	MT Ravalli 109 A 1 Jul	BCWRL-82-0021 MTSUC Story, J M	SAME
	Austria BCWLE/AR, PP	MT Ravalli 199 A 1 Jul	BCWRL-82-0024 MTSUC Story, J M	SAME
	Austria BCWLE/AR, PP	MT Ravalli 151 A 1 Jul	BCWRL-82-0028 MTSUC Story, J M	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Urophora cardui (Linnaeus) Diptera Tephritidae	Austria BCWLE/AR, PP	NV Elko 159 A 2 Jun	BCWRL-82-0019 NVDA Dondero, P	Cirsium arvense (L.) Scop. Canada thistle
	Austria BCWLE/AR, PP	OR Benton 200 A 1 May	BCWRL-82-0004 ORDA Hawkes, R B	SAME
	Austria BCWLE/AR, PP	OR Benton 100 A 1 Jun	BCWRL-82-0020 ORDA Hawkes, R B	SAME
	Austria BCWLE/AR, PP	OR Polk 200e A 1 May	BCWRL-82-0001 ORDA Hawkes, R B	SAME
	Austria BCWLE/AR, PP	WA San Juan 150 A 1 Jul	BCWRL-82-0031 NPSSWA Prasil, R G	SAME
	Austria BCWLE/AR, PP	WA Whitman 184 A 2 Jun	BCWRL-82-0013 WASU Piper, G L	SAME
	Austria BCWLE/AR, PP	WA Whitman 200 A 1 Jul	BCWRL-82-1023 WASU Piper, G L	SAME
	Austria BCWLE/AR, PP	WY Campbell 123 A 1 Jun	BCWRL-82-0016-2 UWY Lavigne, R J	SAME
	Austria BCWLE/AR, PP	WY Crook 144 A 1 Jun	BCWRL-82-0016-1 UWY Littlefield, J L	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Urophora cardui (Linnaeus) Diptera Tephritidae	Austria BCWLE/AR, PP	WY Fremont 62 A 1 Jun	BCWRL-82-0016-3 UWY Lavigne, R J	Cirsium arvense (L.) Scop. Canada thistle
Urophora quadrifasciata (Meigen) Diptera Tephritidae	MT, Missoula	MT ? ? L 1 May NOTE: 100	MTSUC-JMS-82-0002	Centaurea maculosa Lam. spotted knapweed
	WA, Spokane WASU/GLP	WA Garfield 1500e A 1 Jul	WASU-GLP-82-0004 WASUEXTP Bragg, D	Centaurea diffusa Lam. diffuse knapweed
	WA, Spokane WASU/GLP	WA Klickitat 5500e A 1 Jul	WASU-GLP-82-0003 WAKNWCB Gorman, B	SAME
	WA, Spokane WASU/GLP	WA Yakima 2000e A 1 Jul	WASU-GLP-82-0005 WAYWD1 Wright, T	SAME
Zeuxidiplosis giardi (Kieffer) Diptera Cecidomyiidae	CA, Alameda BCWRL/	ID Kootenai ? e L,P 1 Jun NOTE: 011	BCWRL-LAA-82-0004 UID Wheeler, G S	Hypericum perforatum Linnaeus common St. Johnswort
	USA, CA, Alameda (ex France) BCWRL	MT Gallatin ? e L,P 1 Aug NOTE: 113	RIL-NER-82-0040 RIL Rees, N E	SAME

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
Zeuxidiplosis giardi (Kieffer) Diptera Cecidomyiidae	CA, Alameda BCWRL/	OR Marion ? e L,P 1 May NOTE: 011	BCWRL-LAA-82-0003 ORDA Hawkes, R B	Hypericum perforatum Linnaeus common St. Johnswort
	USA,CA BCWRL	OR Marion ? e A,L 1 May NOTE: 011	ORDA-RBH-82-0001 ORDA Hawkes, R B	SAME
	CA, Alameda BCWRL/	WA Whitman ? e L,P 1 Jun NOTE: 011	BCWRL-LAA-82-0006 WASU Piper, G L	SAME

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART A - Arranged Alphabetically by Genus-species of Released Organism, State, County

NOTES

011 Released as infested plants.

084 Some Amynothrips andersoni were observed during releases at least at some of these sites (A L Bates, TVAMSAL, in litt., 1990), apparently being included in the Agasicles release material.

088 Commercial shipment. Field release assumed.

089 Shipped/released as infested seed heads.

091 Released as infested galls.

097 Collectors and releasers of this material included personnel of UMO's Integrated Pest Management unit, MODA, and BCIRL, and extension agents and farmers.

098 In May 1982, a "field day" was held in Missoula County, MT, where Urophora affinis was well established on Centaurea maculosa. Many persons collected C. maculosa seedheads infested with U. affinis larvae for distribution elsewhere in Montana, release sites not recorded.

099 The infested seedheads probably also included a small number of Urophora quadrifasciata larvae.

100 The releases of infested Centaurea maculosa seedheads containing Urophora affinis larvae (which see) probably also included an undetermined number of U. quadrifasciata larvae.

101 Material originally field-collected in British Columbia, Canada, and transported directly to MTSUC. AD-941 record = MTSUC-JMS-82-3.

102 Collections and releases were the result of "field days" in Gallatin County, MT, arranged by RIL. Release information is estimated.

108 Total of 33,150 weevils were released at 48 locations in Colorado from 5/26 to 6/28/82.

112 Material originally field-collected in British Columbia, Canada, and transported directly to MTSUC. AD-941 record = MTSUC-JMS-82-5.

113 Released as infested plants in field cage.

133 Neither Florida source nor South Carolina release information has been made available; for details concerning this release, contact CEJFL and CECSC.

134 For details on Florida collection of this release material, contact CEJFL.

136 Information on the recipient and/or release of this material is not available; for possible information, contact UID.

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host Arranged Alphabetically by Common Name

Class: Liliopsida

Order of Host: Liliales
Family of Host: Pontederiaceae
Host Genus, species, author: Eichhornia crassipes (C.Mart.)Solms-Laub.
Common name of host: waterhyacinth
Species Released: Neochetina bruchi

Class: Magnoliopsida

Order of Host: Asterales
Family of Host: Asteraceae
Host Genus, species, author: Carduus acanthoides Linnaeus
Common name of host: plumeless thistle
Species Released: Rhinocyllus conicus — Trichosirocalus horridus

Host Genus, species, author: Carduus nutans Linnaeus
Common name of host: musk thistle
Species Released: Rhinocyllus conicus — Trichosirocalus horridus

Host Genus, species, author: Centaurea diffusa Lam.
Common name of host: diffuse knapweed
Species Released: Urophora quadrifasciata

Host Genus, species, author: Centaurea maculosa Lam.
Common name of host: spotted knapweed
Species Released: Metzneria paucipunctella — Urophora affinis
Urophora quadrifasciata

Host Genus, species, author: Chondrilla juncea Linnaeus
Common name of host: rush skeletonweed
Species Released: Aceria chondrillae

Host Genus, species, author: Cirsium arvense (L.) Scop.
Common name of host: Canada thistle
Species Released: Altica carduorum — Hadroplontus litura
Urophora cardui

Host Genus, species, author: Cirsium vulgare (Savi) Tenore
Common name of host: bull thistle
Species Released: Trichosirocalus horridus

Host Genus, species, author: Senecio jacobaea Linnaeus
Common name of host: tansy ragwort
Species Released: Botanophila seneciella

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host Arranged Alphabetically by Common Name

Host Genus, species, author: Silybum marianum (L.) Gaertner
Common name of host: milk thistle
Species Released: Rhinocyllus conicus

Order of Host: Caryophyllales
Family of Host: Amaranthaceae
Host Genus, species, author: Alternanthera philoxeroides (C. Martius) Griseb.
Common name of host: alligatorweed
Species Released: Agasicles hygrophila

Family of Host: Chenopodiaceae
Host Genus, species, author: Salsola australis R. Br.
Common name of host: Russian thistle
Species Released: Coleophora klimeschiella

Order of Host: Euphorbiales
Family of Host: Euphorbiaceae
Host Genus, species, author: Euphorbia cyparissias Linnaeus
Common name of host: cypress spurge
Species Released: Hyles euphorbiae

Host Genus, species, author: Euphorbia esula Linnaeus
Common name of host: leafy spurge
Species Released: Hyles euphorbiae
Oberea erythrocephala

Order of Host: Lamiales
Family of Host: Lamiaceae
Host Genus, species, author: Salvia aethiopis Linnaeus
Common name of host: Mediterranean sage
Species Released: Phrydiuchus tau

Order of Host: Sapindales
Family of Host: Zygophyllaceae
Host Genus, species, author: Tribulus terrestris Linnaeus
Common name of host: puncturevine
Species Released: Microlarinus lareynii
Microlarinus lypriformis

Order of Host: Scrophulariales
Family of Host: Scrophulariaceae
Host Genus, species, author: Linaria dalmatica (L.) Mill.
Common name of host: Dalmatian toadflax
Species Released: Calophasia lunula

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host Arranged Alphabetically by Common Name

Order of Host: Theales
Family of Host: Clusiaceae
Host Genus, species, author: Hypericum perforatum Linnaeus
Common name of host: common St. Johnswort
Species Released: Chrysolina quadrigemina Zeuxidiplosis giardi

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION II - INTRODUCED WEED CONTROL AGENTS RELEASED IN U.S. AND TERRITORIES - 1982

PART B - Target Host Arranged Alphabetically by Class, Order, Family, Genus, Species with Alphabetical List of Introduced Beneficial Species Released Against It; Target Host Arranged Alphabetically by Common Name

Common Name	Genus-species	Order:Family
alligatorweed	Alternanthera philoxeroides	Caryophyllales:Amaranthaceae
bull thistle	Cirsium vulgare	Asterales:Asteraceae
Canada thistle	Cirsium arvense	Asterales:Asteraceae
common St. Johnswort	Hypericum perforatum	Theales:Clusiaceae
cypress spurge	Euphorbia cyparissias	Euphorbiales:Euphorbiaceae
Dalmatian toadflax	Linaria dalmatica	Scrophulariales:Scrophulariaceae
diffuse knapweed	Centaurea diffusa	Asterales:Asteraceae
leafy spurge	Euphorbia esula	Euphorbiales:Euphorbiaceae
Mediterranean sage	Salvia aethiopis	Lamiales:Lamiaceae
milk thistle	Silybum marianum	Asterales:Asteraceae
musk thistle	Carduus nutans	Asterales:Asteraceae
plumeless thistle	Carduus acanthoides	Asterales:Asteraceae
puncturevine	Tribulus terrestris	Sapindales:Zygophyllaceae
rush skeletonweed	Chondrilla juncea	Asterales:Asteraceae
Russian thistle	Salsola australis	Caryophyllales:Chenopodiaceae
spotted knapweed	Centaurea maculosa	Asterales:Asteraceae
tansy ragwort	Senecio jacobaea	Asterales:Asteraceae
waterhyacinth	Eichhornia crassipes	Liliales:Pontederiaceae

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION III - LIST OF INTRODUCED MICROBIAL ORGANISMS RELEASED IN U.S. AND TERRITORIES - 1982

Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target Host (at time of release) Genus Species, Subspecies Author, Common Name
HbGV (granulosis virus) Baculoviridae	CA, San Diego UCR UCR/	CA Tulare 2 NOTE: 085	UCR-BAF-82-0001 UCR Federici, B A Stern, V M	Harrisina brillians Barnes & McDunnough western grapeleaf skeletonizer

SECTION III - LIST OF INTRODUCED MICROBIAL ORGANISMS RELEASED IN U.S. AND TERRITORIES - 1982

Arranged Alphabetically by Genus-species of Released Organism, State, County

NOTES

085 For details of this recolonization of virus established in the early 1950s in California from material originally from Mexico and Arizona, see Stern, V M, and B A Federici, Calif. Agr. 44(3):21-22, 1990.

SECTION IV - INTRODUCED POLLINATORS AND OTHER BENEFICIAL SPECIES RELEASED IN U.S. AND TERRITORIES - 1982
Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country,State/Prov,Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target (at time of release)
Chalicodoma mucorea Fries Hymenoptera Megachilidae	Egypt EGCU/SER	NV Clark 19 A 1 Apr to May	BBSL-82-0001 BBSL Parker, F D	alfalfa
Euoniticellus intermedius (Reiche) Coleoptera Scarabaeidae	? CSIROC	HI Hawaii 565 A 1 Oct	HDA-82-0004 HDAH Yoshioka, E R	cattle dung & horn fly
	USA, CA (ex South Africa) UCDEXT	TX Brazos 1692 A 1 Jul to Nov	VTERL-GTF-82-0009 VTERL Fincher, G T	SAME
Onitis alexis Klug Coleoptera Scarabaeidae	USA, CA (ex South Africa) UCDEXT	TX Brazos 202 A 1 Sep	VTERL-GTF-82-0008-2 VTERL Fincher, G T	SAME
	USA, CA (ex South Africa) UCDEXT	TX Burleson 38 A 1 Jul	VTERL-GTF-82-0008-1 VTERL Fincher, G T	SAME
Onthophagus bonasus (Fabricius) Coleoptera Scarabaeidae	Pakistan VTERL	TX Brazos 1552 A 1 Jul to Sep	VTERL-GTF-82-0007-2 VTERL Fincher, G T	SAME
	Pakistan VTERL	TX Burleson 218 A 1 Jul	VTERL-GTF-82-0007-1 VTERL Fincher, G T	SAME
Osmia cornifrons (Radoszkowski) Hymenoptera Megachilidae	MD, Prince Georges BIIL/SWTB	GA De Kalb 150e A 1 Jan	BIIL-SWTB-81-0025 COMBI Batra, P	apple, peach

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION IV - INTRODUCED POLLINATORS AND OTHER BENEFICIAL SPECIES RELEASED IN U.S. AND TERRITORIES - 1982
Arranged Alphabetically by Genus-species of Released Organism, State, County

Species Released Genus Species, Subspecies Author Order, Family	Origin Country, State/Prov, Co Facilities Collector Acronym/ Initials	Released - State, County Total, Stage No. of Sites Month /SEE NOTES	File Number Releaser Acronym, Name * = Specimens Kept	Target (at time of release)
Osmia cornifrons (Radoszkowski) Hymenoptera Megachilidae	MD, Prince Georges BIIL/SWTB	MD Anne Arundel 150e A 1 Mar	BIIL-SWTB-82-0002 MDLM Monticello, L	apple
	Japan, Honshu JANFTES/TK	MD Prince Georges 9800e A 1 Apr	BIRL-81-0185 BIIL Batra, S W T	SAME
	MD, Prince Georges BIIL/SWTB	VT Washington 150e A 1 Mar	BIIL-SWTB-82-0003 VTDAA Drutschas, R A	SAME
Osmia cornuta Latreille Hymenoptera Megachilidae	Spain SPINIAV/EA	UT Cache 1568 A 1 May	BBSL-82-0002 BBSL Torchio, P F	SAME
Osmia lignaria propinqua Cresson Hymenoptera Megachilidae	UT, Cache BBSL/PFT	VA Nelson 6591e A 1 Apr	BBSL-PFT-81-0002 NCSU Kuhn, E D	SAME

SECTION V - SPECIES OF INTRODUCED BENEFICIAL ORGANISMS (EXCLUDING PLANTS) RELEASED IN U.S. AND TERRITORIES - 1982
Arranged Alphabetically by Class, Order, Family, Genus, Species, with Type of Organism

PHYLUM: MOLLUSCA

Class: Gastropoda
Order: Pulmonata
Family: Oleacinidae
Euglandina rosea (Ferussac) PR

Family: Streptaxidae
Gonaxis quadrilateralis (Preston) PR

Family: Subulinidae
Rumina decollata Linnaeus PR

PHYLUM: NEMATODA

Class: Adenophorea
Order: Enoplida
Family: Mermithidae
Hexamermis sp. PA

PHYLUM: ARTHROPODA

Class: Arachnida (Subclass Acari)
Order: Acariformes
Family: Eriophyidae
Aceria chondrillae (Canestrini) WE

Family: Podapolipidae
Coccipolipus epilachnae Smiley PA

Order: Parasitiformes
Family: Phytoseiidae
Amblyseius limonicus Garman & McGregor PR
Amblyseius sp. PR
Euseius elinae (Schicha) PR
Euseius quetzali McMurtry PR
Euseius stipulatus (Athias-Henriot) PR
Iphiseius degenerans (Berlese) PR
Phytoseiulus longipes Evans PR
Phytoseiulus persimilis Athias-Henriot PR
Typhlodromus occidentalis Nesbitt PR
Typhlodromus tiliae Oudemans PR
Amblyseius longispinosus (Evans) PR
Euseius concordis (Chant) PR
Euseius hibisci (Chant) PR
Euseius scutalis (Athias-Henriot) PR
Euseius tutsi (Pritchard & Baker) PR
Neoseiulus californicus (McGregor) PR
Phytoseiulus macropilis (Banks) PR
Typhlodromus annectens DeLeon PR
Typhlodromus porresi McMurtry PR

Class: Insecta
Order: Coleoptera
Family: Cerambycidae
Oberea erythrocephala (Schrank) WE

SECTION V - SPECIES OF INTRODUCED BENEFICIAL ORGANISMS (EXCLUDING PLANTS) RELEASED IN U.S. AND TERRITORIES - 1982
Arranged Alphabetically by Class, Order, Family, Genus, Species, with Type of Organism

Family: Chrysomelidae
- Agasicles hygrophila Selman & Vogt WE
- Chrysolina quadrigemina (Suffrian) WE
- Altica carduorum Guérin WE

Family: Coccinellidae
- Calvia quatuordecimguttata (Linnaeus) PR
- Harmonia axyridis (Pallas) PR
- Hyperaspis senegalensis hottentotta Mulsant PR
- Nephaspis oculata (Blatchley) PR
- Propylea quatuordecimpunctata (Linnaeus) PR
- Exochomus flavipes (Thunberg) PR
- Harmonia conformis (Boisduval) PR
- Menochilus quadriplagiatus (Swartz) PR
- Oenopia conglobata (Linnaeus) PR

Family: Curculionidae
- Hadroplontus litura (Fabricius) WE
- Microlarinus lypriformis (Wollaston) WE
- Phrydiuchus tau Warner WE
- Trichosirocalus horridus (Panzer) WE
- Microlarinus lareynii (Jacquelin du Val) WE
- Neochetina bruchi Hustache WE
- Rhinocyllus conicus (Froelich) WE

Family: Histeridae
- Atholus coelestis Marsham PR
- Pactolinus parallelus (Redtenbacher) PR
- Atholus maindronii (Lewis) PR

Family: Scarabaeidae
- Euoniticellus intermedius (Reiche) OT
- Onthophagus bonasus (Fabricius) OT
- Onitis alexis Klug OT

Order: Diptera

Family: Anthomyiidae
- Botanophila seneciella (Meade) WE

Family: Cecidomyiidae
- Zeuxidiplosis giardi (Kieffer) WE

Family: Pallopteridae
- Palloptera modesta (Meigen) PR

Family: Tachinidae
- Ametadoria misella (Wulp) PA
- Cyzenis albicans (Fallén) PA
- Compsilura concinnata (Meigen) PA

Family: Tephritidae
- Urophora affinis (Frauenfeld) WE
- Urophora quadrifasciata (Meigen) WE
- Urophora cardui (Linnaeus) WE

SECTION V - SPECIES OF INTRODUCED BENEFICIAL ORGANISMS (EXCLUDING PLANTS) RELEASED IN U.S. AND TERRITORIES - 1982
Arranged Alphabetically by Class, Order, Family, Genus, Species, with Type of Organism

Order: Heteroptera
Family: Miridae
Tytthus mundulus (Breddin) PR

Family: Pentatomidae
Oplomus severus Breddin PR

Order: Hymenoptera
Family: Aphelinidae
Aphelinus asychis Walker PA
Aphytis melinus DeBach PA
Aspidiotiphagus sp. PA
Coccophagus rusti Compere PA
Encarsia formosa Gahan PA
Encarsia sp. PA
Eretmocerus n. sp. PA
Prococcophagus probus Annecke PA
Pteroptrix n. sp. PA
Aphytis aonidiae (Mercet) PA
Aphytis sp. PA
Cales noacki Howard PA
Encarsia ?haitiensis Dozier PA
Encarsia lahorensis (Howard) PA
Encarsia sp. I PA
Eretmocerus sp. PA
Prococcophagus saissetiae Annecke & Mynhardt PA

Family: Aphidiidae
Aphidius ervi Haliday PA
Ephedrus plagiator (Nees) PA
Praon volucre (Haliday) PA
Aphidius uzbekistanicus Luzhetzki PA
Praon sp. PA

Family: Bethylidae
Goniozus legneri Gordh PA

Family: Braconidae
Allorhogas pyralophagus Marsh PA
Biosteres sublaevis Wharton PA
Cotesia flavipes (Cameron) PA
Cotesia plutellae (Kurdjumov) PA
Dacnusa dryas (Nixon) PA
Diachasmimorpha tryoni (Cameron) PA
Glyptapanteles harrisinae (Muesebeck) PA
Glyptapanteles sp. prob. caffreyi (Muesebeck) PA
Microctonus aethiopoides Loan PA
Microplitis demolitor (Wilkinson) PA
Opius dissitus Muesebeck PA
Peristenus rubricollis (Thomson) PA
Phanerotoma sp. PA
Pseudapanteles dignus (Muesebeck) PA
Rogas sp. PA
Apanteles scutellaris Muesebeck PA
Bracon gelechiae Ashmead PA
Cotesia melanoscelus (Ratzeburg) PA
Cotesia ruficrus (Haliday) PA
Dendrosoter protuberans (Nees) PA
Glyptapanteles flavicoxis (Marsh) PA
Glyptapanteles indiensis (Marsh) PA
Meteorus pulchricornis (Wesmael) PA
Microctonus colesi Drea PA
Microplitis manilae (Ashmead) PA
Peristenus digoneutis Loan PA
Peristenus stygicus Loan PA
Pholetesor pedias (Nixon) PA
Rogas lymantriae Watanabe PA
Zelomorpha sp. PA

SECTION V - SPECIES OF INTRODUCED BENEFICIAL ORGANISMS (EXCLUDING PLANTS) RELEASED IN U.S. AND TERRITORIES - 1982
Arranged Alphabetically by Class, Order, Family, Genus, Species, with Type of Organism

Family: Chalcididae
Brachymeria intermedia (Nees) PA
Brachymeria lasus (Walker) PA

Family: Diapriidae
Coptera occidentalis Muesebeck PA

Family: Encyrtidae
Aloencyrtus saissetiae (Compere) PA
Cerchysiella utilis (Noyes) PA
Comperiella bifasciata Howard PA
Encyrtus saliens Prinsloo & Annecke PA
Holcothorax testaceipes (Ratzeburg) PA
Metaphycus stramineus (Compere) PA
Arrhenophagus chionaspidis Aurivillius PA
Comperia merceti (Compere) PA
Comperiella sp. PA
Habrolepis sp. PA
Metaphycus funicularis Annecke PA
Pentalitomastix plethorica Caltagirone PA

Family: Eulophidae
Chrysocharis liriomyzae Delucchi PA
Chrysocharis sp. nr. giraulti Yoshimoto PA
Chrysonotomyia punctiventris (Crawford) PA
Edovum puttleri Grissell PA
Oomyzus gallerucae (Fonscolombe) PA
Pediobius facialis (Giraud) PA
Sympiesis stigmatipennis Girault PA
Chrysocharis parksi Crawford PA
Chrysonotomyia formosa (Westwood) PA
Chrysonotomyia ruforum (Krausse) PA
Euplectrus puttleri Gordh PA
Oomyzus incertus (Ratzeburg) PA
Pediobius foveolatus (Crawford) PA

Family: Eupelmidae
Anastatus disparis Ruschka PA

Family: Ichneumonidae
Agrypon flaveolatum (Gravenhorst) PA
Bathyplectes curculionis (Thomson) PA
Campoplex frustranae Cushman PA
Coccygomimus disparis (Viereck) PA
Diadegma laricinellum (Strobl) PA
Grypocentrus albipes Ruthe PA
Lathrolestes nigricollis (Thomson) PA
Microcharops bimaculata (Ashmead) PA
Bathyplectes anurus (Thomson) PA
Bathyplectes stenostigma (Thomson) PA
Campoplex n. sp. PA
Corsoncus magus (Cresson) PA
Diaparsis temporalis Horstmann PA
Hyposoter lymantriae Cushman PA
Lophyroplectus oblongopunctatus (Hartig) PA
Olesicampe benefactor Hinz PA

Family: Megachilidae
Chalicodoma mucorea Fries PO
Osmia cornuta Latreille PO
Osmia cornifrons (Radoszkowski) PO
Osmia lignaria propinqua Cresson PO

Family: Mymaridae
Anaphes diana (Girault) PA

SECTION V - SPECIES OF INTRODUCED BENEFICIAL ORGANISMS (EXCLUDING PLANTS) RELEASED IN U.S. AND TERRITORIES - 1982
Arranged Alphabetically by Class, Order, Family, Genus, Species, with Type of Organism

Family: Platygastridae
Amitus ?spiniferus (Brèthes) PA

Amitus spiniferus (Brèthes) PA

Family: Pteromalidae
Halticoptera patellana (Dalman) PA

Family: Scelionidae
Telenomus chloropus Thomson PA

Family: Sphecidae
Larra bicolor Fabricius PA

Family: Trichogrammatidae
Trichogramma pretiosum Riley PA

Trichogramma sp. PA

Order: Lepidoptera
Family: Coleophoridae
Coleophora klimeschiella Toll WE

Family: Gelechiidae
Metzneria paucipunctella Zeller WE

Family: Noctuidae
Calophasia lunula (Hufnagel) WE

Family: Sphingidae
Hyles euphorbiae Linnaeus WE

Order: Thysanoptera
Family: Thripidae
Scolothrips sexmaculatus (Pergande) PR

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: AL
County: Autauga
Genus-species: Encarsia lahorensis PA

State: AL
County: Baldwin
Genus-species: Agasicles hygrophila WE
Encarsia lahorensis PA

State: AL
County: Barbour
Genus-species: Encarsia lahorensis PA

State: AL
County: Bibb
Genus-species: Encarsia lahorensis PA

State: AL
County: Bullock
Genus-species: Encarsia lahorensis PA

State: AL
County: Butler
Genus-species: Encarsia lahorensis PA

State: AL
County: Chambers
Genus-species: Encarsia lahorensis PA

State: AL
County: Chilton
Genus-species: Encarsia lahorensis PA

State: AL
County: Choctaw
Genus-species: Encarsia lahorensis PA

State: AL
County: Clarke
Genus-species: Encarsia lahorensis PA

State: AL
County: Clay
Genus-species: Encarsia lahorensis PA

State: AL
County: Coffee
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: AL
County: Colbert
Genus-species: Agasicles hygrophila WE

State: AL
County: Conecuh
Genus-species: Encarsia lahorensis PA

State: AL
County: Coosa
Genus-species: Encarsia lahorensis PA

State: AL
County: Covington
Genus-species: Encarsia lahorensis PA

State: AL
County: Crenshaw
Genus-species: Encarsia lahorensis PA

State: AL
County: Dale
Genus-species: Encarsia lahorensis PA

State: AL
County: Dallas
Genus-species: Encarsia lahorensis PA

State: AL
County: Elmore
Genus-species: Encarsia lahorensis PA

State: AL
County: Escambia
Genus-species: Encarsia lahorensis PA

State: AL
County: Greene
Genus-species: Encarsia lahorensis PA

State: AL
County: Hale
Genus-species: Encarsia lahorensis PA

State: AL
County: Henry
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: AL
County: Houston
Genus-species: Encarsia lahorensis PA

State: AL
County: Jackson
Genus-species: Agasicles hygrophila WE

State: AL
County: Jefferson
Genus-species: Encarsia lahorensis PA

State: AL
County: Lee
Genus-species: Encarsia lahorensis PA

State: AL
County: Lowndes
Genus-species: Encarsia lahorensis PA

State: AL
County: Macon
Genus-species: Encarsia lahorensis PA

State: AL
County: Marengo
Genus-species: Encarsia lahorensis PA

State: AL
County: Marshall
Genus-species: Agasicles hygrophila WE

State: AL
County: Mobile
Genus-species: Agasicles hygrophila WE
Encarsia lahorensis PA

State: AL
County: Monroe
Genus-species: Encarsia lahorensis PA

State: AL
County: Montgomery
Genus-species: Encarsia lahorensis PA

State: AL
County: Perry
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: AL
County: Pickens
Genus-species: Encarsia lahorensis PA

State: AL
County: Pike
Genus-species: Encarsia lahorensis PA

State: AL
County: Randolph
Genus-species: Encarsia lahorensis PA

State: AL
County: Russell
Genus-species: Encarsia lahorensis PA

State: AL
County: Shelby
Genus-species: Encarsia lahorensis PA

State: AL
County: Sumter
Genus-species: Encarsia lahorensis PA

State: AL
County: Talladega
Genus-species: Encarsia lahorensis PA

State: AL
County: Tallapoosa
Genus-species: Encarsia lahorensis PA

State: AL
County: Tuscaloosa
Genus-species: Encarsia lahorensis PA

State: AL
County: Washington
Genus-species: Encarsia lahorensis PA

State: AL
County: Wilcox
Genus-species: Encarsia lahorensis PA

State: AR
County:
Genus-species: Bathyplectes curculionis PA
Microctonus colesi PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: AR
County: Arkansas
Genus-species: Encarsia lahorensis PA

State: AR
County: Ashley
Genus-species: Encarsia lahorensis PA
Trichogramma pretiosum PA
Microplitis demolitor PA

State: AR
County: Benton
Genus-species: Bathyplectes anurus PA

State: AR
County: Bradley
Genus-species: Encarsia lahorensis PA

State: AR
County: Calhoun
Genus-species: Encarsia lahorensis PA

State: AR
County: Carroll
Genus-species: Rhinocyllus conicus WE

State: AR
County: Chicot
Genus-species: Encarsia lahorensis PA

State: AR
County: Clark
Genus-species: Encarsia lahorensis PA

State: AR
County: Cleveland
Genus-species: Encarsia lahorensis PA

State: AR
County: Columbia
Genus-species: Encarsia lahorensis PA

State: AR
County: Dallas
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: AR
County: Desha
Genus-species: Bathyplectes anurus PA
Encarsia lahorensis PA

State: AR
County: Drew
Genus-species: Encarsia lahorensis PA

State: AR
County: Grant
Genus-species: Encarsia lahorensis PA

State: AR
County: Hempstead
Genus-species: Encarsia lahorensis PA

State: AR
County: Howard
Genus-species: Encarsia lahorensis PA

State: AR
County: Independence
Genus-species: Bathyplectes anurus PA

State: AR
County: Jefferson
Genus-species: Encarsia lahorensis PA

State: AR
County: Lafayette
Genus-species: Encarsia lahorensis PA

State: AR
County: Lincoln
Genus-species: Encarsia lahorensis PA

State: AR
County: Little River
Genus-species: Encarsia lahorensis PA

State: AR
County: Madison
Genus-species: Bathyplectes anurus PA

State: AR
County: Marion
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: AR
County: Miller
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA
Encarsia lahorensis PA

State: AR
County: Nevada
Genus-species: Encarsia lahorensis PA

State: AR
County: Ouachita
Genus-species: Encarsia lahorensis PA

State: AR
County: Phillips
Genus-species: Bathyplectes anurus PA
Encarsia lahorensis PA

State: AR
County: Pike
Genus-species: Encarsia lahorensis PA

State: AR
County: Pulaski
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: AR
County: Searcy
Genus-species: Bathyplectes anurus PA

State: AR
County: Sevier
Genus-species: Encarsia lahorensis PA

State: AR
County: St Francis
Genus-species: Bathyplectes anurus PA

State: AR
County: Union
Genus-species: Encarsia lahorensis PA

State: AR
County: Washington
Genus-species: Bathyplectes stenostigma PA
Oomyzus incertus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: AZ
County: Pima
Genus-species: Peristenus stygicus PA

State: CA
County: Alameda
Genus-species: Aphidius ervi PA
Comperia merceti PA
Praon sp. PA
Bathyplectes anurus PA
Encyrtus saliens PA

State: CA
County: Butte
Genus-species: Ametadoria misella PA
Coleophora klimeschiella WE
Goniozus legneri PA
Phanerotoma sp. PA
Bracon gelechiae PA
Glyptapanteles harrisinae PA
Pentalitomastix plethorica PA
Trichogramma sp. PA

State: CA
County: Calaveras
Genus-species: Chrysolina quadrigemina WE

State: CA
County: Contra Costa
Genus-species: Encyrtus saliens PA

State: CA
County: Del Norte
Genus-species: Botanophila seneciella WE

State: CA
County: Fresno
Genus-species: Ametadoria misella PA
Bathyplectes anurus PA
Coleophora klimeschiella WE
Microctonus aethiopoides PA
Prococcophagus saissetiae PA
Aphidius ervi PA
Coccophagus rusti PA
Glyptapanteles harrisinae PA
Prococcophagus probus PA

State: CA
County: Glenn
Genus-species: Aphidius ervi PA

State: CA
County: Imperial
Genus-species: Aphytis melinus PA
Aspidiotiphagus sp. PA
Atholus maindronii PR
Comperiella bifasciata PA
Aphytis sp. PA
Atholus coelestis PR
Bracon gelechiae PA
Comperiella sp. PA

(County continued next page)

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

Genus-species: Goniozus legneri PA
Pactolinus parallelus PR
Habrolepis sp. PA

State: CA
County: Kern
Genus-species: Ametadoria misella PA
Glyptapanteles harrisinae PA
Coleophora klimeschiella WE

State: CA
County: Kings
Genus-species: Aphidius ervi PA

State: CA
County: Los Angeles
Genus-species: Oomyzus gallerucae PA

State: CA
County: Madera
Genus-species: Ametadoria misella PA
Coccophagus rusti PA
Prococcophagus saissetiae PA
Chrysolina quadrigemina WE
Glyptapanteles harrisinae PA

State: CA
County: Mariposa
Genus-species: Chrysolina quadrigemina WE

State: CA
County: Modoc
Genus-species: Aphidius ervi PA
Phrydiuchus tau WE

State: CA
County: Monterey
Genus-species: Aphidius ervi PA
Microlarinus lareynii WE
Chrysolina quadrigemina WE
Microlarinus lypriformis WE

State: CA
County: Orange
Genus-species: Aphytis sp. PA
Campoplex frustranae PA
Encarsia sp. I PA
Eretmocerus sp. PA
Euseius elinae PR
Euseius quetzali PR
Habrolepis sp. PA
Rumina decollata PR
Typhlodromus porresi PR
Aspidiotiphagus sp. PA
Encarsia sp. PA
Eretmocerus n. sp. PA
Euseius concordis PR
Euseius hibisci PR
Euseius stipulatus PR
Iphiseius degenerans PR
Typhlodromus annectens PR

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: CA
County: Placer
Genus-species: Ametadoria misella PA
Glyptapanteles harrisinae PA

State: CA
County: Riverside
Genus-species: Aphytis sp. PA
Bracon gelechiae PA
Encarsia sp. I PA
Euseius scutalis PR
Habrolepis sp. PA
Aspidiotiphagus sp. PA
Campoplex frustranae PA
Eretmocerus sp. PA
Goniozus legneri PA

State: CA
County: Sacramento
Genus-species: Coleophora klimeschiella WE
Hyperaspis senegalensis hottentotta PR
Metaphycus stramineus PA
Exochomus flavipes PR
Metaphycus funicularis PA

State: CA
County: San Bernardino
Genus-species: Oomyzus gallerucae PA

State: CA
County: San Diego
Genus-species: Amblyseius limonicus PR
Euseius elinae PR
Euseius quetzali PR
Euseius stipulatus PR
Hyperaspis senegalensis hottentotta PR
Metaphycus funicularis PA
Phytoseiulus macropilis PR
Typhlodromus annectens PR
Typhlodromus tiliae PR
Euseius concordis PR
Euseius hibisci PR
Euseius scutalis PR
Exochomus flavipes PR
Iphiseius degenerans PR
Metaphycus stramineus PA
Phytoseiulus persimilis PR
Typhlodromus porresi PR

State: CA
County: San Joaquin
Genus-species: Aphidius ervi PA
Pentalitomastix plethorica PA
Neochetina bruchi WE
Phanerotoma sp. PA

State: CA
County: San Luis Obispo
Genus-species: Biosteres sublaevis PA
Exochomus flavipes PR
Metaphycus funicularis PA
Microlarinus lareynii WE
Coptera occidentalis PA
Hyperaspis senegalensis hottentotta PR
Metaphycus stramineus PA
Microlarinus lypriformis WE

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: CA
County: San Mateo
Genus-species: Microlarinus lareynii WE
Microlarinus lypriformis WE

State: CA
County: Santa Barbara
Genus-species: Euseius elinae PR
Euseius quetzali PR
Euseius tutsi PR
Hyperaspis senegalensis hottentotta PR
Metaphycus funicularis PA
Euseius hibisci PR
Euseius stipulatus PR
Exochomus flavipes PR
Iphiseius degenerans PR
Metaphycus stramineus PA

State: CA
County: Santa Clara
Genus-species: Microlarinus lareynii WE
Microlarinus lypriformis WE

State: CA
County: Santa Cruz
Genus-species: Exochomus flavipes PR
Metaphycus funicularis PA
Hyperaspis senegalensis hottentotta PR
Metaphycus stramineus PA

State: CA
County: Shasta
Genus-species: Ametadoria misella PA
Urophora cardui WE
Glyptapanteles harrisinae PA

State: CA
County: Siskiyou
Genus-species: Aphidius ervi PA
Urophora cardui WE
Bathyplectes anurus PA

State: CA
County: Stanislaus
Genus-species: Microlarinus lareynii WE
Microlarinus lypriformis WE

State: CA
County: Tehama
Genus-species: Aloencyrtus saissetiae PA
Prococcophagus probus PA
Coccophagus rusti PA
Prococcophagus saissetiae PA

State: CA
County: Tulare
Genus-species: Ametadoria misella PA
Aphytis sp. PA
Atholus maindronii PR
Glyptapanteles harrisinae PA
Habrolepis sp. PA
Aphidius ervi PA
Aspidiotiphagus sp. PA
Coleophora klimeschiella WE
Goniozus legneri PA
HbGV (granulosis virus) MI

(County continued next page)

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

Genus-species: Pactolinus parallelus PR
Phytoseiulus persimilis PR
Phytoseiulus longipes PR
Typhlodromus annectens PR

State: CA
County: Ventura
Genus-species: Amblyseius limonicus PR
Amitus spiniferus PA
Aspidiotiphagus sp. PA
Encarsia sp. I PA
Eretmocerus sp. PA
Euseius elinae PR
Euseius quetzali PR
Euseius tutsi PR
Glyptapanteles harrisinae PA
Hyperaspis senegalensis hottentotta PR
Metaphycus stramineus PA
Typhlodromus porresi PR
Ametadoria misella PA
Aphytis sp. PA
Cales noacki PA
Eretmocerus n. sp. PA
Euseius concordis PR
Euseius hibisci PR
Euseius stipulatus PR
Exochomus flavipes PR
Habrolepis sp. PA
Metaphycus funicularis PA
Typhlodromus annectens PR

State: CA
County: Yolo
Genus-species: Aphidius ervi PA
Microlarinus lypriformis WE
Microlarinus lareynii WE

State: CO
County: Boulder
Genus-species: Rhinocyllus conicus WE

State: CO
County: Delta
Genus-species: Dendrosoter protuberans PA
Pediobius foveolatus PA

State: CO
County: Douglas
Genus-species: Dendrosoter protuberans PA

State: CO
County: Eagle
Genus-species: Rhinocyllus conicus WE

State: CO
County: El Paso
Genus-species: Dendrosoter protuberans PA
Rhinocyllus conicus WE

State: CO
County: Elbert
Genus-species: Rhinocyllus conicus WE

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: CO
County: Garfield
Genus-species: Dendrosoter protuberans PA

State: CO
County: Gilpin
Genus-species: Rhinocyllus conicus WE

State: CO
County: Jefferson
Genus-species: Rhinocyllus conicus WE

State: CO
County: Larimer
Genus-species: Rhinocyllus conicus WE

State: CO
County: Las Animas
Genus-species: Brachymeria intermedia PA
Coccygomimus disparis PA
Brachymeria lasus PA

State: CO
County: Mesa
Genus-species: Aphidius ervi PA
Dendrosoter protuberans PA
Urophora cardui WE
Coleophora klimeschiella WE
Rhinocyllus conicus WE

State: CO
County: Otero
Genus-species: Ephedrus plagiator PA

State: CO
County: Pitkin
Genus-species: Rhinocyllus conicus WE

State: CO
County: Weld
Genus-species: Rhinocyllus conicus WE

State: CT
County: New Haven
Genus-species: Rogas lymantriae PA

State: CT
County: New London
Genus-species: Brachymeria intermedia PA
Glyptapanteles flavicoxis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: DC
County: Washington City
Genus-species: Arrhenophagus chionaspidis PA
Pteroptrix n. sp. PA

State: DE
County: Kent
Genus-species: Glyptapanteles indiensis PA
Pediobius foveolatus PA

State: DE
County: New Castle
Genus-species: Anastatus disparis PA
Glyptapanteles flavicoxis PA
Pediobius foveolatus PA
Edovum puttleri PA
Glyptapanteles indiensis PA

State: DE
County: Sussex
Genus-species: Pediobius foveolatus PA

State: FL
County: Alachua
Genus-species: Larra bicolor PA

State: FL
County: Bay
Genus-species: Encarsia lahorensis PA

State: FL
County: Broward
Genus-species: Encarsia ?haitiensis PA
Nephaspis oculata PR
Larra bicolor PA

State: FL
County: Dade
Genus-species: Corsoncus magus PA
Euplectrus puttleri PA
Microcharops bimaculata PA
Nephaspis oculata PR
Zelomorpha sp. PA
Diachasmimorpha tryoni PA
Glyptapanteles sp. prob. caffreyi P
Microplitis manilae PA
Pediobius facialis PA

State: FL
County: Manatee
Genus-species: Larra bicolor PA

State: FL
County: Palm Beach
Genus-species: Microcharops bimaculata PA
Tytthus mundulus PR

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: GA 1/
County: Appling
Genus-species: Encarsia lahorensis PA

State: GA
County: Atkinson
Genus-species: Encarsia lahorensis PA

State: GA
County: Bacon
Genus-species: Encarsia lahorensis PA

State: GA
County: Baker
Genus-species: Encarsia lahorensis PA

State: GA
County: Baldwin
Genus-species: Encarsia lahorensis PA

State: GA
County: Banks
Genus-species: Encarsia lahorensis PA

State: GA
County: Barrow
Genus-species: Encarsia lahorensis PA

State: GA
County: Ben Hill
Genus-species: Encarsia lahorensis PA

State: GA
County: Berrien
Genus-species: Encarsia lahorensis PA

State: GA
County: Bibb
Genus-species: Encarsia lahorensis PA

State: GA
County: Bleckley
Genus-species: Encarsia lahorensis PA

State: GA
County: Brantley
Genus-species: Encarsia lahorensis PA

1/ The list of Georgia counties in which Encarsia lahorensis was released in 1982 appears to be incomplete; contact PPQMTX for more information.

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: GA
County: Brooks
Genus-species: Encarsia lahorensis PA

State: GA
County: Bryan
Genus-species: Encarsia lahorensis PA

State: GA
County: Bullock
Genus-species: Encarsia lahorensis PA

State: GA
County: Burke
Genus-species: Encarsia lahorensis PA

State: GA
County: Butts
Genus-species: Encarsia lahorensis PA

State: GA
County: Calhoun
Genus-species: Encarsia lahorensis PA

State: GA
County: Camden
Genus-species: Encarsia lahorensis PA

State: GA
County: Candler
Genus-species: Encarsia lahorensis PA

State: GA
County: Carroll
Genus-species: Encarsia lahorensis PA

State: GA
County: Charlton
Genus-species: Encarsia lahorensis PA

State: GA
County: Chatham
Genus-species: Encarsia lahorensis PA

State: GA
County: Chattahoochee
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: GA
County: Clarke
Genus-species: Encarsia lahorensis PA

State: GA
County: Clay
Genus-species: Encarsia lahorensis PA

State: GA
County: Clayton
Genus-species: Encarsia lahorensis PA

State: GA
County: Clinch
Genus-species: Encarsia lahorensis PA

State: GA
County: Cobb
Genus-species: Encarsia lahorensis PA

State: GA
County: Coffee
Genus-species: Encarsia lahorensis PA

State: GA
County: Colquitt
Genus-species: Encarsia lahorensis PA

State: GA
County: Columbia
Genus-species: Encarsia lahorensis PA

State: GA
County: Cook
Genus-species: Encarsia lahorensis PA

State: GA
County: Coweta
Genus-species: Encarsia lahorensis PA

State: GA
County: Crawford
Genus-species: Encarsia lahorensis PA

State: GA
County: Crisp
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: GA
County: De Kalb
Genus-species: Encarsia lahorensis PA
Osmia cornifrons PO

State: GA
County: Decatur
Genus-species: Encarsia lahorensis PA

State: GA
County: Dodge
Genus-species: Encarsia lahorensis PA

State: GA
County: Dooly
Genus-species: Encarsia lahorensis PA

State: GA
County: Dougherty
Genus-species: Encarsia lahorensis PA

State: GA
County: Douglas
Genus-species: Encarsia lahorensis PA

State: GA
County: Early
Genus-species: Encarsia lahorensis PA

State: GA
County: Echols
Genus-species: Encarsia lahorensis PA

State: GA
County: Effingham
Genus-species: Encarsia lahorensis PA

State: GA
County: Elbert
Genus-species: Encarsia lahorensis PA

State: GA
County: Emanuel
Genus-species: Encarsia lahorensis PA

State: GA
County: Evans
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: GA
County: Fayette
Genus-species: Encarsia lahorensis PA

State: GA
County: Franklin
Genus-species: Encarsia lahorensis PA

State: GA
County: Fulton
Genus-species: Encarsia lahorensis PA

State: GA
County: Glascock
Genus-species: Encarsia lahorensis PA

State: GA
County: Glynn
Genus-species: Encarsia lahorensis PA

State: GA
County: Grady
Genus-species: Encarsia lahorensis PA

State: GA
County: Greene
Genus-species: Encarsia lahorensis PA

State: GA
County: Gwinnett
Genus-species: Encarsia lahorensis PA

State: GA
County: Hancock
Genus-species: Encarsia lahorensis PA

State: GA
County: Haralson
Genus-species: Encarsia lahorensis PA

State: GA
County: Harris
Genus-species: Encarsia lahorensis PA

State: GA
County: Hart
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: GA
County: Heard
Genus-species: Encarsia lahorensis PA

State: GA
County: Henry
Genus-species: Encarsia lahorensis PA

State: GA
County: Houston
Genus-species: Encarsia lahorensis PA

State: GA
County: Irwin
Genus-species: Encarsia lahorensis PA

State: GA
County: Jackson
Genus-species: Encarsia lahorensis PA

State: GA
County: Jasper
Genus-species: Encarsia lahorensis PA

State: GA
County: Jeff Davis
Genus-species: Encarsia lahorensis PA

State: GA
County: Jefferson
Genus-species: Encarsia lahorensis PA

State: GA
County: Jenkins
Genus-species: Encarsia lahorensis PA

State: GA
County: Johnson
Genus-species: Encarsia lahorensis PA

State: GA
County: Jones
Genus-species: Encarsia lahorensis PA

State: GA
County: Lamar
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: GA
County: Lanier
Genus-species: Encarsia lahorensis PA

State: GA
County: Laurens
Genus-species: Encarsia lahorensis PA

State: GA
County: Lee
Genus-species: Encarsia lahorensis PA

State: GA
County: Liberty
Genus-species: Encarsia lahorensis PA

State: GA
County: Lincoln
Genus-species: Encarsia lahorensis PA

State: GA
County: Long
Genus-species: Encarsia lahorensis PA

State: GA
County: Lowndes
Genus-species: Encarsia lahorensis PA

State: GA
County: Macon
Genus-species: Encarsia lahorensis PA

State: GA
County: Madison
Genus-species: Encarsia lahorensis PA

State: GA
County: Marion
Genus-species: Encarsia lahorensis PA

State: GA
County: Meriwether
Genus-species: Encarsia lahorensis PA

State: GA
County: Miller
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: GA
County: Pierce-Brantley
Genus-species: Agasicles hygrophila WE

State: GA
County: Tift
Genus-species: Agasicles hygrophila WE

State: GA
County: Ware
Genus-species: Agasicles hygrophila WE

State: GA
County: Ware-Pierce
Genus-species: Agasicles hygrophila WE

State: HI
County: Hawaii
Genus-species: Amblyseius longispinosus PR
Chrysocharis parksi PA
Cotesia plutellae PA
Euglandina rosea PR
Halticoptera patellana PA
Opius dissitus PA
Typhlodromus occidentalis PR
Campoplex n. sp. PA
Chrysocharis sp. nr. giraulti PA
Encarsia ?haitiensis PA
Euoniticellus intermedius OT
Nephaspis oculata PR
Phytoseiulus macropilis PR

State: HI
County: Honolulu
Genus-species: Amblyseius longispinosus PR
Apanteles scutellaris PA
Chrysocharis parksi PA
Chrysonotomyia punctiventris PA
Encarsia ?haitiensis PA
Eretmocerus sp. PA
Neoseiulus californicus PR
Opius dissitus PA
Pseudapanteles dignus PA
Typhlodromus occidentalis PR
Amitus ?spiniferus PA
Cales noacki PA
Chrysocharis sp. nr. giraulti PA
Cotesia plutellae PA
Encarsia sp. PA
Halticoptera patellana PA
Nephaspis oculata PR
Phytoseiulus macropilis PR
Scolothrips sexmaculatus PR

State: HI
County: Kauai
Genus-species: Cotesia plutellae PA
Gonaxis quadrilateralis PR
Encarsia sp. PA
Nephaspis oculata PR

State: HI
County: Maui
Genus-species: Amblyseius longispinosus PR
Apanteles scutellaris PA

(County continued next page)

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

Genus-species: Campoplex n. sp. PA
Chrysocharis parksi PA
Chrysonotomyia punctiventris PA
Encarsia ?haitiensis PA
Halticoptera patellana PA
Opius dissitus PA
Pseudapanteles dignus PA
Typhlodromus occidentalis PR
Cerchysiella utilis PA
Chrysocharis sp. nr. giraulti PA
Cotesia plutellae PA
Encarsia sp. PA
Nephaspis oculata PR
Phytoseiulus macropilis PR
Sympiesis stigmatipennis PA

State: HI
County: Maui (Lanai I)
Genus-species: Cales noacki PA
Cerchysiella utilis PA

State: HI
County: Maui (Molokai I)
Genus-species: Cales noacki PA
Chrysocharis parksi PA
Encarsia ?haitiensis PA
Eretmocerus sp. PA
Campoplex n. sp. PA
Chrysocharis sp. nr. giraulti PA
Encarsia sp. PA
Nephaspis oculata PR

State: IA
County:
Genus-species: Bathyplectes curculionis PA
Microctonus colesi PA

State: IA
County: Adair
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: IA
County: Adams
Genus-species: Bathyplectes anurus PA

State: IA
County: Allamakee
Genus-species: Bathyplectes anurus PA

State: IA
County: Buchanan
Genus-species: Bathyplectes anurus PA

State: IA
County: Butler
Genus-species: Bathyplectes anurus PA

State: IA
County: Carroll
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: IA
County: Cedar
Genus-species: Bathyplectes anurus PA
Urophora cardui WE

State: IA
County: Cerro Gordo
Genus-species: Bathyplectes anurus PA

State: IA
County: Chickasaw
Genus-species: Bathyplectes anurus PA

State: IA
County: Clarke
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: IA
County: Clay
Genus-species: Rhinocyllus conicus WE

State: IA
County: Crawford
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: IA
County: Dallas
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: IA
County: Delaware
Genus-species: Bathyplectes anurus PA

State: IA
County: Des Moines
Genus-species: Bathyplectes anurus PA

State: IA
County: Fayette
Genus-species: Bathyplectes anurus PA

State: IA
County: Hardin
Genus-species: Bathyplectes anurus PA

State: IA
County: Harrison
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: IA
County: Iowa
Genus-species: Bathyplectes anurus PA

State: IA
County: Jackson
Genus-species: Bathyplectes anurus PA

State: IA
County: Jasper
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: IA
County: Jefferson
Genus-species: Bathyplectes anurus PA

State: IA
County: Lee
Genus-species: Bathyplectes anurus PA

State: IA
County: Linn
Genus-species: Bathyplectes anurus PA

State: IA
County: Marshall
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: IA
County: Monroe
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: IA
County: Montgomery
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: IA
County: Page
Genus-species: Bathyplectes anurus PA

State: IA
County: Pottawattamie
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: IA
County: Ringgold
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: IA
County: Scott
Genus-species: Bathyplectes anurus PA

State: IA
County: Taylor
Genus-species: Bathyplectes anurus PA

State: IA
County: Warren
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: IA
County: Washington
Genus-species: Bathyplectes anurus PA

State: IA
County: Wayne
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: IA
County: Webster
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: IA
County: Woodbury
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: ID
County: ?
Genus-species: Microlarinus lareynii WE
Rhinocyllus conicus WE

State: ID
County: Kootenai
Genus-species: Calophasia lunula WE
Zeuxidiplosis giardi WE

State: ID
County: Latah
Genus-species: Anaphes diana PA

State: ID
County: Lemhi
Genus-species: Rhinocyllus conicus WE

State: ID
County: Nez Perce
Genus-species: Anaphes diana PA
Microctonus aethiopoides PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: ID
County: Washington
Genus-species: Rhinocyllus conicus WE

State: IL
County:
Genus-species: Bathyplectes curculionis PA Microctonus colesi PA

State: IL
County: ?
Genus-species: Rhinocyllus conicus WE

State: IL
County: Adams
Genus-species: Bathyplectes anurus PA

State: IL
County: Bond
Genus-species: Bathyplectes anurus PA

State: IL
County: Boone
Genus-species: Bathyplectes anurus PA

State: IL
County: Bureau
Genus-species: Bathyplectes anurus PA

State: IL
County: Clark
Genus-species: Bathyplectes anurus PA

State: IL
County: Coles
Genus-species: Bathyplectes anurus PA

State: IL
County: Effingham
Genus-species: Bathyplectes anurus PA

State: IL
County: Fayette
Genus-species: Bathyplectes anurus PA

State: IL
County: Hamilton
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: IL
County: Henderson
Genus-species: Bathyplectes anurus PA

State: IL
County: Iroquois
Genus-species: Bathyplectes anurus PA

State: IL
County: Jackson
Genus-species: Bathyplectes anurus PA

State: IL
County: Kane
Genus-species: Bathyplectes anurus PA

State: IL
County: Kendall
Genus-species: Bathyplectes anurus PA

State: IL
County: Livingston
Genus-species: Bathyplectes anurus PA

State: IL
County: Madison
Genus-species: Bathyplectes anurus PA

State: IL
County: McHenry
Genus-species: Bathyplectes anurus PA

State: IL
County: McLean
Genus-species: Bathyplectes anurus PA

State: IL
County: Mercer
Genus-species: Bathyplectes anurus PA

State: IL
County: Montgomery
Genus-species: Bathyplectes anurus PA

State: IL
County: Moultrie
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: IL
County: Ogle
Genus-species: Bathyplectes anurus PA

State: IL
County: Peoria
Genus-species: Bathyplectes anurus PA

State: IL
County: Pope
Genus-species: Bathyplectes anurus PA

State: IL
County: Rock Island
Genus-species: Bathyplectes anurus PA

State: IL
County: Schuyler
Genus-species: Bathyplectes anurus PA

State: IL
County: Shelby
Genus-species: Bathyplectes anurus PA

State: IL
County: Stephenson
Genus-species: Bathyplectes anurus PA

State: IL
County: Union
Genus-species: Bathyplectes anurus PA

State: IL
County: Vermilion
Genus-species: Bathyplectes anurus PA

State: IL
County: Warren
Genus-species: Bathyplectes anurus PA

State: IL
County: Washington
Genus-species: Bathyplectes anurus PA

State: IL
County: Wayne
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: IL
County: Will
Genus-species: Bathyplectes anurus PA

State: IL
County: Winnebago
Genus-species: Bathyplectes anurus PA

State: IL
County: Woodford
Genus-species: Bathyplectes anurus PA

State: IN
County:
Genus-species: Bathyplectes curculionis PA
Microctonus colesi PA

State: IN
County: Clay
Genus-species: Pediobius foveolatus PA

State: IN
County: Delaware
Genus-species: Bathyplectes anurus PA

State: IN
County: Hamilton
Genus-species: Bathyplectes anurus PA

State: IN
County: LaPorte
Genus-species: Bathyplectes anurus PA

State: IN
County: Lawrence
Genus-species: Bathyplectes anurus PA

State: IN
County: Montgomery
Genus-species: Bathyplectes anurus PA

State: IN
County: Moultrie
Genus-species: Rhinocyllus conicus WE

State: IN
County: Owen
Genus-species: Pediobius foveolatus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: KS
County:
Genus-species: Bathyplectes curculionis PA
Microctonus colesi PA

State: KS
County: ?
Genus-species: Aphidius ervi PA

State: KS
County: Atchison
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA
Microctonus aethiopoides PA

State: KS
County: Barton
Genus-species: Bathyplectes anurus PA

State: KS
County: Bourbon
Genus-species: Bathyplectes anurus PA

State: KS
County: Cherokee
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: KS
County: Cheyenne
Genus-species: Bathyplectes anurus PA

State: KS
County: Clay
Genus-species: Bathyplectes anurus PA

State: KS
County: Cloud
Genus-species: Bathyplectes anurus PA
Rhinocyllus conicus WE

State: KS
County: Comanche
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: KS
County: Cowley
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: KS
County: Crawford
Genus-species: Bathyplectes anurus PA

State: KS
County: Dickinson
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: KS
County: Douglas
Genus-species: Bathyplectes anurus PA

State: KS
County: Finney
Genus-species: Bathyplectes anurus PA

State: KS
County: Graham
Genus-species: Bathyplectes anurus PA

State: KS
County: Greenwood
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: KS
County: Harvey
Genus-species: Bathyplectes anurus PA

State: KS
County: Jackson
Genus-species: Bathyplectes anurus PA

State: KS
County: Jefferson
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA
Oomyzus incertus PA

State: KS
County: Jewell
Genus-species: Bathyplectes anurus PA

State: KS
County: Kiowa
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: KS
County: Lincoln
Genus-species: Bathyplectes anurus PA

State: KS
County: Linn
Genus-species: Bathyplectes anurus PA

State: KS
County: Lyon
Genus-species: Bathyplectes anurus PA

State: KS
County: Marion
Genus-species: Bathyplectes anurus PA

State: KS
County: McPherson
Genus-species: Bathyplectes anurus PA

State: KS
County: Miami
Genus-species: Bathyplectes anurus PA

State: KS
County: Mitchell
Genus-species: Bathyplectes anurus PA

State: KS
County: Montgomery
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA
Bathyplectes stenostigma PA
Oomyzus incertus PA

State: KS
County: Nemaha
Genus-species: Rhinocyllus conicus WE

State: KS
County: Ness
Genus-species: Bathyplectes anurus PA

State: KS
County: Norton
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: KS
County: Osage
Genus-species: Bathyplectes anurus PA

State: KS
County: Osborne
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: KS
County: Pawnee
Genus-species: Bathyplectes anurus PA

State: KS
County: Pottawatomie
Genus-species: Bathyplectes anurus PA
Trichosirocalus horridus WE

State: KS
County: Pratt
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA

State: KS
County: Reno
Genus-species: Bathyplectes anurus PA

State: KS
County: Republic
Genus-species: Rhinocyllus conicus WE

State: KS
County: Riley
Genus-species: Trichosirocalus horridus WE

State: KS
County: Russell
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA
Coleophora klimeschiella WE

State: KS
County: Scott
Genus-species: Bathyplectes anurus PA

State: KS
County: Sedgwick
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: KS
County: Shawnee
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: KS
County: Sheridan
Genus-species: Bathyplectes anurus PA

State: KS
County: Sherman
Genus-species: Bathyplectes anurus PA

State: KY
County:
Genus-species: Bathyplectes curculionis PA
Microctonus colesi PA

State: KY
County: Barren
Genus-species: Bathyplectes anurus PA

State: KY
County: Christian
Genus-species: Bathyplectes anurus PA

State: KY
County: Hart
Genus-species: Bathyplectes anurus PA

State: KY
County: Laurel
Genus-species: Bathyplectes anurus PA

State: KY
County: Lincoln
Genus-species: Bathyplectes anurus PA

State: KY
County: Logan
Genus-species: Bathyplectes anurus PA

State: KY
County: Madison
Genus-species: Bathyplectes anurus PA

State: KY
County: Marion
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: KY
County: Pulaski
Genus-species: Bathyplectes anurus PA

State: KY
County: Rockcastle
Genus-species: Bathyplectes anurus PA

State: KY
County: Warren
Genus-species: Bathyplectes anurus PA

State: KY
County: Washington
Genus-species: Bathyplectes anurus PA

State: KY
County: Wayne
Genus-species: Bathyplectes anurus PA

State: LA
County: Acadia
Genus-species: Encarsia lahorensis PA

State: LA
County: Allen
Genus-species: Encarsia lahorensis PA

State: LA
County: Ascension
Genus-species: Encarsia lahorensis PA

State: LA
County: Avoyelles
Genus-species: Encarsia lahorensis PA

State: LA
County: Beauregard
Genus-species: Encarsia lahorensis PA

State: LA
County: Bienville
Genus-species: Encarsia lahorensis PA

State: LA
County: Bossier
Genus-species: Cotesia ruficrus PA

Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: LA
County: Caddo
Genus-species: Encarsia lahorensis PA

State: LA
County: Calcasieu
Genus-species: Encarsia lahorensis PA

State: LA
County: Caldwell
Genus-species: Encarsia lahorensis PA

State: LA
County: Cameron
Genus-species: Encarsia lahorensis PA

State: LA
County: Catahoula
Genus-species: Encarsia lahorensis PA

State: LA
County: Claiborne
Genus-species: Encarsia lahorensis PA

State: LA
County: Concordia
Genus-species: Encarsia lahorensis PA

State: LA
County: De Soto
Genus-species: Encarsia lahorensis PA

State: LA
County: East Baton Rouge
Genus-species: Cotesia ruficrus PA
Encarsia lahorensis PA
Telenomus chloropus PA

State: LA
County: East Carroll
Genus-species: Encarsia lahorensis PA

State: LA
County: East Feliciana
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: LA
County: Evangeline
Genus-species: Encarsia lahorensis PA

State: LA
County: Franklin
Genus-species: Encarsia lahorensis PA

State: LA
County: Grant
Genus-species: Encarsia lahorensis PA

State: LA
County: Iberia
Genus-species: Encarsia lahorensis PA

State: LA
County: Iberville
Genus-species: Encarsia lahorensis PA
Telenomus chloropus PA

State: LA
County: Jackson
Genus-species: Encarsia lahorensis PA

State: LA
County: Jefferson
Genus-species: Encarsia lahorensis PA

State: LA
County: Jefferson Davis
Genus-species: Encarsia lahorensis PA

State: LA
County: La Salle
Genus-species: Encarsia lahorensis PA

State: LA
County: Lafayette
Genus-species: Encarsia lahorensis PA

State: LA
County: Livingston
Genus-species: Encarsia lahorensis PA

State: LA
County: Madison
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: LA
County: Morehouse
Genus-species: Encarsia lahorensis PA

State: LA
County: Natchitoches
Genus-species: Encarsia lahorensis PA

State: LA
County: Orleans
Genus-species: Encarsia lahorensis PA

State: LA
County: Ouachita
Genus-species: Encarsia lahorensis PA

State: LA
County: Plaquemines
Genus-species: Encarsia lahorensis PA

State: LA
County: Pointe Coupee
Genus-species: Encarsia lahorensis PA

State: LA
County: Rapides
Genus-species: Encarsia lahorensis PA

State: LA
County: Red River
Genus-species: Encarsia lahorensis PA

State: LA
County: Richland
Genus-species: Encarsia lahorensis PA

State: LA
County: Sabine
Genus-species: Encarsia lahorensis PA

State: LA
County: St Bernard
Genus-species: Encarsia lahorensis PA

State: LA
County: St Charles
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: LA
County: St Helena
Genus-species: Encarsia lahorensis PA

State: LA
County: St James
Genus-species: Encarsia lahorensis PA

State: LA
County: St John the Baptist
Genus-species: Encarsia lahorensis PA

State: LA
County: St Landry
Genus-species: Cotesia ruficrus PA
Encarsia lahorensis PA

State: LA
County: St Martin
Genus-species: Encarsia lahorensis PA

State: LA
County: St Mary
Genus-species: Encarsia lahorensis PA

State: LA
County: St Tammany
Genus-species: Encarsia lahorensis PA

State: LA
County: Tangipahoa
Genus-species: Encarsia lahorensis PA
Microplitis demolitor PA

State: LA
County: Tensas
Genus-species: Encarsia lahorensis PA

State: LA
County: Terrebonne
Genus-species: Encarsia lahorensis PA

State: LA
County: Union
Genus-species: Encarsia lahorensis PA

State: LA
County: Vermilion
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: LA
County: Vernon
Genus-species: Encarsia lahorensis PA

State: LA
County: Washington
Genus-species: Encarsia lahorensis PA

State: LA
County: Webster
Genus-species: Encarsia lahorensis PA

State: LA
County: West Baton Rouge
Genus-species: Encarsia lahorensis PA

State: LA
County: West Carroll
Genus-species: Encarsia lahorensis PA

State: LA
County: West Feliciana
Genus-species: Encarsia lahorensis PA

State: LA
County: Winn
Genus-species: Encarsia lahorensis PA

State: MA
County: Barnstable
Genus-species: Pediobius foveolatus PA

State: MA
County: Franklin
Genus-species: Holcothorax testaceipes PA
Pholetesor pedias PA

State: MA
County: Hampshire
Genus-species: Pholetesor pedias PA

State: MD
County: Anne Arundel
Genus-species: Coccipolipus epilachnae PA
Osmia cornifrons PO

State: MD
County: Baltimore
Genus-species: Altica carduorum WE
Dacnusa dryas PA

(County continued next page)

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

Genus-species: Pediobius foveolatus PA
Urophora cardui WE

State: MD
County: Caroline
Genus-species: Pediobius foveolatus PA

State: MD
County: Carroll
Genus-species: Dacnusa dryas PA
Pediobius foveolatus PA
Edovum puttleri PA

State: MD
County: Cecil
Genus-species: Edovum puttleri PA
Rogas lymantriae PA

State: MD
County: Charles
Genus-species: Pediobius foveolatus PA

State: MD
County: Dorchester
Genus-species: Pediobius foveolatus PA

State: MD
County: Frederick
Genus-species: Amblyseius sp. PR
Trichosirocalus horridus WE
Phytoseiulus persimilis PR
Urophora cardui WE

State: MD
County: Harford
Genus-species: Urophora cardui WE

State: MD
County: Howard
Genus-species: Coccipolipus epilachnae PA

State: MD
County: Kent
Genus-species: Pediobius foveolatus PA

State: MD
County: Montgomery
Genus-species: Arrhenophagus chionaspidis PA
Pediobius foveolatus PA

State: MD
County: Prince Georges
Genus-species: Altica carduorum WE
Arrhenophagus chionaspidis PA
Aphytis aonidiae PA
Coccipolipus epilachnae PA

(County continued next page)

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

Genus-species: Edovum puttleri PA
Harmonia axyridis PR
Hyles euphorbiae WE
Pteroptrix n. sp. PA
Urophora cardui WE
Hadroplontus litura WE
Hexamermis sp. PA
Osmia cornifrons PO
Trichosirocalus horridus WE

State: MD
County: Queen Annes
Genus-species: Pediobius foveolatus PA

State: MD
County: Somerset
Genus-species: Pediobius foveolatus PA

State: MD
County: St Marys
Genus-species: Pediobius foveolatus PA

State: MD
County: Talbot
Genus-species: Pediobius foveolatus PA

State: MD
County: Washington
Genus-species: Urophora cardui WE

State: MD
County: Wicomico
Genus-species: Pediobius foveolatus PA

State: MI
County:
Genus-species: Bathyplectes curculionis PA
Microctonus colesi PA

State: MI
County: Alcona
Genus-species: Bathyplectes anurus PA

State: MI
County: Allegan
Genus-species: Bathyplectes anurus PA

State: MI
County: Antrim
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MI
County: Bay
Genus-species: Bathyplectes anurus PA

State: MI
County: Calhoun
Genus-species: Bathyplectes anurus PA

State: MI
County: Chippewa
Genus-species: Bathyplectes anurus PA

State: MI
County: Crawford
Genus-species: Bathyplectes anurus PA

State: MI
County: Delta
Genus-species: Bathyplectes anurus PA

State: MI
County: Dickinson
Genus-species: Bathyplectes anurus PA

State: MI
County: Emmet
Genus-species: Bathyplectes anurus PA

State: MI
County: Genesee
Genus-species: Bathyplectes anurus PA

State: MI
County: Gladwin
Genus-species: Bathyplectes anurus PA

State: MI
County: Gogebic
Genus-species: Bathyplectes anurus PA

State: MI
County: Grand Traverse
Genus-species: Bathyplectes anurus PA

State: MI
County: Gratiot
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MI
County: Hillsdale
Genus-species: Bathyplectes anurus PA

State: MI
County: Houghton
Genus-species: Bathyplectes anurus PA

State: MI
County: Huron
Genus-species: Bathyplectes anurus PA

State: MI
County: Ingham
Genus-species: Bathyplectes anurus PA

State: MI
County: Isabella
Genus-species: Bathyplectes anurus PA

State: MI
County: Kent
Genus-species: Bathyplectes anurus PA

State: MI
County: Leelanau
Genus-species: Bathyplectes anurus PA

State: MI
County: Manistee
Genus-species: Bathyplectes anurus PA

State: MI
County: Mason
Genus-species: Bathyplectes anurus PA

State: MI
County: Missaukee
Genus-species: Bathyplectes anurus PA

State: MI
County: Monroe
Genus-species: Bathyplectes anurus PA

State: MI
County: Montmorency
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MI
County: Newaygo
Genus-species: Bathyplectes anurus PA

State: MI
County: Oakland
Genus-species: Bathyplectes anurus PA

State: MI
County: Ogemaw
Genus-species: Bathyplectes anurus PA

State: MI
County: Osceola
Genus-species: Bathyplectes anurus PA

State: MI
County: Presque Isle
Genus-species: Bathyplectes anurus PA

State: MI
County: St Clair
Genus-species: Bathyplectes anurus PA

State: MI
County: St Joseph
Genus-species: Bathyplectes anurus PA

State: MI
County: Washtenaw
Genus-species: Bathyplectes anurus PA

State: MO
County:
Genus-species: Bathyplectes curculionis PA
Microctonus colesi PA

State: MO
County: Adair
Genus-species: Bathyplectes anurus PA

State: MO
County: Bates
Genus-species: Rhinocyllus conicus WE

State: MO
County: Boone
Genus-species: Edovum puttleri PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MO
County: Buchanan
Genus-species: Bathyplectes anurus PA

State: MO
County: Camden
Genus-species: Bathyplectes anurus PA

State: MO
County: Christian
Genus-species: Bathyplectes anurus PA
Rhinocyllus conicus WE

State: MO
County: Clay
Genus-species: Bathyplectes anurus PA

State: MO
County: Clinton
Genus-species: Bathyplectes anurus PA

State: MO
County: Cole
Genus-species: Bathyplectes anurus PA

State: MO
County: Cooper
Genus-species: Bathyplectes anurus PA

State: MO
County: Crawford
Genus-species: Rhinocyllus conicus WE

State: MO
County: Dade
Genus-species: Bathyplectes anurus PA

State: MO
County: Dallas
Genus-species: Bathyplectes anurus PA

State: MO
County: Daviess
Genus-species: Bathyplectes anurus PA
Rhinocyllus conicus WE

State: MO
County: Dent
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MO
County: Douglas
Genus-species: Rhinocyllus conicus WE

State: MO
County: Franklin
Genus-species: Bathyplectes anurus PA

State: MO
County: Gasconade
Genus-species: Bathyplectes anurus PA

State: MO
County: Gentry
Genus-species: Bathyplectes anurus PA

State: MO
County: Greene
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA

State: MO
County: Grundy
Genus-species: Bathyplectes anurus PA

State: MO
County: Henry
Genus-species: Bathyplectes anurus PA
Rhinocyllus conicus WE

State: MO
County: Hickory
Genus-species: Rhinocyllus conicus WE

State: MO
County: Iron
Genus-species: Bathyplectes anurus PA

State: MO
County: Jasper
Genus-species: Bathyplectes anurus PA

State: MO
County: Jefferson
Genus-species: Bathyplectes anurus PA

State: MO
County: Johnson
Genus-species: Rhinocyllus conicus WE

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MO
County: Knox
Genus-species: Bathyplectes anurus PA

State: MO
County: Laclede
Genus-species: Rhinocyllus conicus WE

State: MO
County: Lawrence
Genus-species: Bathyplectes anurus PA
Rhinocyllus conicus WE
Edovum puttleri PA

State: MO
County: Lincoln
Genus-species: Bathyplectes anurus PA

State: MO
County: Linn
Genus-species: Bathyplectes anurus PA

State: MO
County: Macon
Genus-species: Bathyplectes anurus PA

State: MO
County: Madison
Genus-species: Bathyplectes anurus PA

State: MO
County: Marion
Genus-species: Bathyplectes anurus PA
Rhinocyllus conicus WE

State: MO
County: Montgomery
Genus-species: Bathyplectes anurus PA

State: MO
County: Newton
Genus-species: Bathyplectes anurus PA

State: MO
County: Osage
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MO
County: Ozark
Genus-species: Rhinocyllus conicus WE

State: MO
County: Pettis
Genus-species: Bathyplectes anurus PA

State: MO
County: Pike
Genus-species: Bathyplectes anurus PA
Rhinocyllus conicus WE

State: MO
County: Platte
Genus-species: Bathyplectes anurus PA
Rhinocyllus conicus WE

State: MO
County: Ralls
Genus-species: Rhinocyllus conicus WE

State: MO
County: Schuyler
Genus-species: Bathyplectes anurus PA
Bathyplectes stenostigma PA

State: MO
County: Scott
Genus-species: Bathyplectes anurus PA

State: MO
County: St Charles
Genus-species: Bathyplectes anurus PA
Edovum puttleri PA

State: MO
County: St Louis
Genus-species: Rhinocyllus conicus WE

State: MO
County: Ste Genevieve
Genus-species: Bathyplectes anurus PA

State: MO
County: Stone
Genus-species: Rhinocyllus conicus WE

State: MO
County: Taney
Genus-species: Rhinocyllus conicus WE

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MO
County: Vernon
Genus-species: Bathyplectes anurus PA

State: MO
County: Washington
Genus-species: Bathyplectes anurus PA

State: MO
County: Webster
Genus-species: Rhinocyllus conicus WE
Trichosirocalus horridus WE

State: MO
County: Worth
Genus-species: Bathyplectes anurus PA

State: MS
County: Adams
Genus-species: Encarsia lahorensis PA

State: MS
County: Amite
Genus-species: Encarsia lahorensis PA

State: MS
County: Attala
Genus-species: Encarsia lahorensis PA

State: MS
County: Bolivar
Genus-species: Encarsia lahorensis PA

State: MS
County: Calhoun
Genus-species: Encarsia lahorensis PA

State: MS
County: Carroll
Genus-species: Encarsia lahorensis PA

State: MS
County: Chickasaw
Genus-species: Encarsia lahorensis PA

State: MS
County: Choctaw
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MS
County: Claiborne
Genus-species: Encarsia lahorensis PA

State: MS
County: Clarke
Genus-species: Encarsia lahorensis PA

State: MS
County: Clay
Genus-species: Encarsia lahorensis PA

State: MS
County: Coahoma
Genus-species: Encarsia lahorensis PA

State: MS
County: Copiah
Genus-species: Encarsia lahorensis PA

State: MS
County: Covington
Genus-species: Encarsia lahorensis PA

State: MS
County: Forrest
Genus-species: Encarsia lahorensis PA

State: MS
County: Franklin
Genus-species: Encarsia lahorensis PA

State: MS
County: George
Genus-species: Encarsia lahorensis PA

State: MS
County: Greene
Genus-species: Encarsia lahorensis PA

State: MS
County: Grenada
Genus-species: Encarsia lahorensis PA

State: MS
County: Hancock
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MS
County: Harrison
Genus-species: Encarsia lahorensis PA

State: MS
County: Hinds
Genus-species: Encarsia lahorensis PA

State: MS
County: Holmes
Genus-species: Encarsia lahorensis PA

State: MS
County: Humphreys
Genus-species: Encarsia lahorensis PA

State: MS
County: Issaquena
Genus-species: Encarsia lahorensis PA

State: MS
County: Jackson
Genus-species: Encarsia lahorensis PA

State: MS
County: Jasper
Genus-species: Encarsia lahorensis PA

State: MS
County: Jefferson
Genus-species: Encarsia lahorensis PA

State: MS
County: Jefferson Davis
Genus-species: Encarsia lahorensis PA

State: MS
County: Jones
Genus-species: Encarsia lahorensis PA

State: MS
County: Kemper
Genus-species: Encarsia lahorensis PA

State: MS
County: Lafayette
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MS
County: Lamar
Genus-species: Encarsia lahorensis PA

State: MS
County: Lauderdale
Genus-species: Encarsia lahorensis PA

State: MS
County: Lawrence
Genus-species: Encarsia lahorensis PA

State: MS
County: Leake
Genus-species: Encarsia lahorensis PA

State: MS
County: Lee
Genus-species: Encarsia lahorensis PA

State: MS
County: Leflore
Genus-species: Agasicles hygrophila WE
Encarsia lahorensis PA

State: MS
County: Lincoln
Genus-species: Encarsia lahorensis PA

State: MS
County: Lowndes
Genus-species: Encarsia lahorensis PA

State: MS
County: Madison
Genus-species: Encarsia lahorensis PA

State: MS
County: Marion
Genus-species: Encarsia lahorensis PA

State: MS
County: Monroe
Genus-species: Encarsia lahorensis PA

State: MS
County: Montgomery
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MS
County: Neshoba
Genus-species: Encarsia lahorensis PA

State: MS
County: Newton
Genus-species: Encarsia lahorensis PA

State: MS
County: Noxubee
Genus-species: Encarsia lahorensis PA

State: MS
County: Oktibbeha
Genus-species: Encarsia lahorensis PA

State: MS
County: Pearl River
Genus-species: Encarsia lahorensis PA

State: MS
County: Perry
Genus-species: Encarsia lahorensis PA

State: MS
County: Pike
Genus-species: Encarsia lahorensis PA

State: MS
County: Pontotoc
Genus-species: Encarsia lahorensis PA

State: MS
County: Quitman
Genus-species: Encarsia lahorensis PA

State: MS
County: Rankin
Genus-species: Encarsia lahorensis PA

State: MS
County: Scott
Genus-species: Encarsia lahorensis PA

State: MS
County: Sharkey
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MS
County: Simpson
Genus-species: Encarsia lahorensis PA

State: MS
County: Smith
Genus-species: Encarsia lahorensis PA

State: MS
County: Stone
Genus-species: Encarsia lahorensis PA

State: MS
County: Sunflower
Genus-species: Encarsia lahorensis PA

State: MS
County: Tallahatchie
Genus-species: Encarsia lahorensis PA

State: MS
County: Tunica
Genus-species: Encarsia lahorensis PA

State: MS
County: Union
Genus-species: Encarsia lahorensis PA

State: MS
County: Walthall
Genus-species: Encarsia lahorensis PA

State: MS
County: Warren
Genus-species: Encarsia lahorensis PA

State: MS
County: Washington
Genus-species: Encarsia lahorensis PA
Microplitis demolitor PA
Telenomus chloropus PA
Microcharops bimaculata PA
Rogas sp. PA

State: MS
County: Wayne
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MS
County: Webster
Genus-species: Encarsia lahorensis PA

State: MS
County: Wilkinson
Genus-species: Encarsia lahorensis PA

State: MS
County: Winston
Genus-species: Encarsia lahorensis PA

State: MS
County: Yalobusha
Genus-species: Encarsia lahorensis PA

State: MS
County: Yazoo
Genus-species: Encarsia lahorensis PA

State: MT
County: ?
Genus-species: Urophora affinis WE
Urophora quadrifasciata WE

State: MT
County: Beaverhead
Genus-species: Rhinocyllus conicus WE

State: MT
County: Gallatin
Genus-species: Oberea erythrocephala WE
Zeuxidiplosis giardi WE
Trichosirocalus horridus WE

State: MT
County: Granite
Genus-species: Rhinocyllus conicus WE

State: MT
County: Judith Basin
Genus-species: Coleophora klimeschiella WE

State: MT
County: Madison
Genus-species: Rhinocyllus conicus WE

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: MT
County: Mineral
Genus-species: Urophora affinis WE

State: MT
County: Missoula
Genus-species: Calophasia lunula WE
Rhinocyllus conicus WE
Metzneria paucipunctella WE

State: MT
County: Powell
Genus-species: Rhinocyllus conicus WE

State: MT
County: Ravalli
Genus-species: Calophasia lunula WE
Urophora cardui WE
Oberea erythrocephala WE

State: MT
County: Teton
Genus-species: Rhinocyllus conicus WE

State: NC
County:
Genus-species: Bathyplectes curculionis PA
Microctonus colesi PA

State: NC
County: Allegheny
Genus-species: Bathyplectes anurus PA

State: NC
County: Anson
Genus-species: Encarsia lahorensis PA

State: NC
County: Ashe
Genus-species: Bathyplectes anurus PA

State: NC
County: Avery
Genus-species: Chrysonotomyia formosa PA
Chrysonotomyia ruforum PA

State: NC
County: Beaufort
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: NC
County: Bertie
Genus-species: Encarsia lahorensis PA

State: NC
County: Bladen
Genus-species: Encarsia lahorensis PA

State: NC
County: Brunswick
Genus-species: Encarsia lahorensis PA

State: NC
County: Buncombe
Genus-species: Bathyplectes anurus PA

State: NC
County: Cabbarus
Genus-species: Encarsia lahorensis PA

State: NC
County: Camden
Genus-species: Encarsia lahorensis PA

State: NC
County: Carteret
Genus-species: Encarsia lahorensis PA

State: NC
County: Catawba
Genus-species: Bathyplectes anurus PA

State: NC
County: Chowan
Genus-species: Encarsia lahorensis PA

State: NC
County: Cleveland
Genus-species: Bathyplectes anurus PA

State: NC
County: Columbus
Genus-species: Encarsia lahorensis PA

State: NC
County: Craven
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: NC
County: Cumberland
Genus-species: Encarsia lahorensis PA

State: NC
County: Currituck
Genus-species: Encarsia lahorensis PA

State: NC
County: Dare
Genus-species: Encarsia lahorensis PA

State: NC
County: Davidson
Genus-species: Bathyplectes anurus PA

State: NC
County: Duplin
Genus-species: Encarsia lahorensis PA

State: NC
County: Edgecombe
Genus-species: Encarsia lahorensis PA

State: NC
County: Gates
Genus-species: Encarsia lahorensis PA

State: NC
County: Greene
Genus-species: Encarsia lahorensis PA

State: NC
County: Halifax
Genus-species: Encarsia lahorensis PA

State: NC
County: Harnett
Genus-species: Encarsia lahorensis PA

State: NC
County: Haywood
Genus-species: Bathyplectes anurus PA

State: NC
County: Henderson
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: NC
County: Hertford
Genus-species: Encarsia lahorensis PA

State: NC
County: Hoke
Genus-species: Encarsia lahorensis PA

State: NC
County: Hyde
Genus-species: Encarsia lahorensis PA

State: NC
County: Johnston
Genus-species: Encarsia lahorensis PA

State: NC
County: Jones
Genus-species: Encarsia lahorensis PA

State: NC
County: Lee
Genus-species: Encarsia lahorensis PA

State: NC
County: Lenoir
Genus-species: Encarsia lahorensis PA

State: NC
County: Lincoln
Genus-species: Bathyplectes anurus PA

State: NC
County: Martin
Genus-species: Encarsia lahorensis PA

State: NC
County: Mecklenburg
Genus-species: Encarsia lahorensis PA

State: NC
County: Montgomery
Genus-species: Encarsia lahorensis PA

State: NC
County: Moore
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: NC
County: Nash
Genus-species: Encarsia lahorensis PA

State: NC
County: New Hanover
Genus-species: Agasicles hygrophila WE
Encarsia lahorensis PA

State: NC
County: Northampton
Genus-species: Encarsia lahorensis PA

State: NC
County: Onslow
Genus-species: Encarsia lahorensis PA

State: NC
County: Orange
Genus-species: Bathyplectes anurus PA

State: NC
County: Pamlico
Genus-species: Encarsia lahorensis PA

State: NC
County: Pasquotank
Genus-species: Encarsia lahorensis PA

State: NC
County: Pender
Genus-species: Encarsia lahorensis PA

State: NC
County: Perquimans
Genus-species: Encarsia lahorensis PA

State: NC
County: Person
Genus-species: Diaparsis temporalis PA

State: NC
County: Pitt
Genus-species: Encarsia lahorensis PA

State: NC
County: Richmond
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: NC
County: Robeson
Genus-species: Bathyplectes anurus PA
Encarsia lahorensis PA

State: NC
County: Sampson
Genus-species: Encarsia lahorensis PA

State: NC
County: Scotland
Genus-species: Encarsia lahorensis PA

State: NC
County: Stanly
Genus-species: Encarsia lahorensis PA

State: NC
County: Tyrrell
Genus-species: Encarsia lahorensis PA

State: NC
County: Union
Genus-species: Encarsia lahorensis PA

State: NC
County: Wake
Genus-species: Encarsia lahorensis PA

State: NC
County: Washington
Genus-species: Encarsia lahorensis PA

State: NC
County: Wayne
Genus-species: Encarsia lahorensis PA

State: NC
County: Wilson
Genus-species: Encarsia lahorensis PA

State: ND
County:
Genus-species: Bathyplectes curculionis PA
Microctonus colesi PA

State: ND
County: Burleigh
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: ND
County: McKenzie
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA
Microctonus aethiopoides PA

State: NE
County:
Genus-species: Bathyplectes curculionis PA
Microctonus colesi PA

State: NE
County: Antelope
Genus-species: Rhinocyllus conicus WE

State: NE
County: Blaine
Genus-species: Bathyplectes anurus PA

State: NE
County: Boone
Genus-species: Rhinocyllus conicus WE

State: NE
County: Buffalo
Genus-species: Bathyplectes anurus PA
Rhinocyllus conicus WE

State: NE
County: Cherry
Genus-species: Bathyplectes anurus PA

State: NE
County: Clay
Genus-species: Rhinocyllus conicus WE

State: NE
County: Cuming
Genus-species: Rhinocyllus conicus WE

State: NE
County: Custer
Genus-species: Bathyplectes anurus PA
Rhinocyllus conicus WE

State: NE
County: Dawson
Genus-species: Bathyplectes anurus PA
Rhinocyllus conicus WE

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: NE
County: Deuel
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA

State: NE
County: Dixon
Genus-species: Rhinocyllus conicus WE

State: NE
County: Douglas
Genus-species: Rhinocyllus conicus WE

State: NE
County: Dundy
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA

State: NE
County: Franklin
Genus-species: Bathyplectes anurus PA

State: NE
County: Furnas
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA
Rhinocyllus conicus WE

State: NE
County: Gage
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA

State: NE
County: Greeley
Genus-species: Rhinocyllus conicus WE

State: NE
County: Hall
Genus-species: Bathyplectes anurus PA

State: NE
County: Hamilton
Genus-species: Bathyplectes anurus PA

State: NE
County: Harlan
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: NE
County: Hitchcock
Genus-species: Bathyplectes anurus PA

State: NE
County: Howard
Genus-species: Bathyplectes anurus PA
Rhinocyllus conicus WE

State: NE
County: Keith
Genus-species: Bathyplectes anurus PA

State: NE
County: Knox
Genus-species: Rhinocyllus conicus WE

State: NE
County: Lincoln
Genus-species: Bathyplectes anurus PA

State: NE
County: Madison
Genus-species: Rhinocyllus conicus WE

State: NE
County: Merrick
Genus-species: Rhinocyllus conicus WE

State: NE
County: Morrill
Genus-species: Bathyplectes anurus PA

State: NE
County: Nance
Genus-species: Bathyplectes anurus PA

State: NE
County: Nuckolls
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA

State: NE
County: Pawnee
Genus-species: Rhinocyllus conicus WE

State: NE
County: Perkins
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: NE
County: Platte
Genus-species: Bathyplectes anurus PA

State: NE
County: Saunders
Genus-species: Bathyplectes anurus PA

State: NE
County: Scotts Bluff
Genus-species: Bathyplectes anurus PA

State: NE
County: Seward
Genus-species: Bathyplectes anurus PA

State: NE
County: Sheridan
Genus-species: Bathyplectes anurus PA

State: NE
County: Sherman
Genus-species: Rhinocyllus conicus WE

State: NE
County: Thayer
Genus-species: Bathyplectes anurus PA

State: NE
County: Webster
Genus-species: Rhinocyllus conicus WE

State: NE
County: Wheeler
Genus-species: Rhinocyllus conicus WE

State: NH
County: Hillsboro
Genus-species: Glyptapanteles flavicoxis PA
Glyptapanteles indiensis PA

State: NJ
County: Atlantic
Genus-species: Pediobius foveolatus PA

State: NJ
County: Burlington
Genus-species: Glyptapanteles flavicoxis PA
Grypocentrus albipes PA

(County continued next page)

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

Genus-species: Lathrolestes nigricollis PA
Rhinocyllus conicus WE
Pediobius foveolatus PA

State: NJ
County: Camden
Genus-species: Brachymeria intermedia PA
Glyptapanteles flavicoxis PA

State: NJ
County: Cape May
Genus-species: Pediobius foveolatus PA

State: NJ
County: Cumberland
Genus-species: Pediobius foveolatus PA

State: NJ
County: Gloucester
Genus-species: Pediobius foveolatus PA
Rhinocyllus conicus WE

State: NJ
County: Hunterdon
Genus-species: Brachymeria intermedia PA
Rhinocyllus conicus WE
Glyptapanteles flavicoxis PA

State: NJ
County: Mercer
Genus-species: Pediobius foveolatus PA

State: NJ
County: Middlesex
Genus-species: Edovum puttleri PA
Pediobius foveolatus PA

State: NJ
County: Monmouth
Genus-species: Edovum puttleri PA
Pediobius foveolatus PA

State: NJ
County: Morris
Genus-species: Edovum puttleri PA
Hyposoter lymantriae PA

State: NJ
County: Ocean
Genus-species: Pediobius foveolatus PA

State: NJ
County: Salem
Genus-species: Oplomus severus PR
Rhinocyllus conicus WE
Pediobius foveolatus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: NJ
County: Somerset
Genus-species: Pediobius foveolatus PA

State: NJ
County: Sussex
Genus-species: Glyptapanteles flavicoxis PA
Rhinocyllus conicus WE

State: NJ
County: Warren
Genus-species: Brachymeria intermedia PA
Peristenus digoneutis PA
Peristenus stygicus PA
Glyptapanteles flavicoxis PA
Peristenus rubricollis PA
Rhinocyllus conicus WE

State: NV
County: Clark
Genus-species: Chalicodoma mucorea PO

State: NV
County: Elko
Genus-species: Rhinocyllus conicus WE
Urophora cardui WE

State: NV
County: Lander
Genus-species: Rhinocyllus conicus WE

State: NV
County: Lander?
Genus-species: Rhinocyllus conicus WE

State: NY
County: Essex
Genus-species: Hyles euphorbiae WE

State: NY
County: Orange
Genus-species: Hyles euphorbiae WE

State: NY
County: St Lawrence
Genus-species: Hyles euphorbiae WE

State: OH
County:
Genus-species: Bathyplectes curculionis PA
Microctonus colesi PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: OH
County: Crawford
Genus-species: Bathyplectes anurus PA

State: OH
County: Franklin
Genus-species: Bathyplectes anurus PA

State: OH
County: Pickaway
Genus-species: Pediobius foveolatus PA

State: OH
County: Pike
Genus-species: Pediobius foveolatus PA

State: OH
County: Ross
Genus-species: Pediobius foveolatus PA

State: OH
County: Wayne
Genus-species: Chrysocharis liriomyzae PA
Dacnusa dryas PA

State: OK
County:
Genus-species: Bathyplectes curculionis PA
Microctonus colesi PA

State: OK
County: Alfalfa
Genus-species: Bathyplectes anurus PA

State: OK
County: Beckham
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA
Microctonus aethiopoides PA

State: OK
County: Bryan
Genus-species: Bathyplectes anurus PA

State: OK
County: Creek
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: OK
County: Custer
Genus-species: Bathyplectes anurus PA

State: OK
County: Ellis
Genus-species: Bathyplectes anurus PA

State: OK
County: Garvin
Genus-species: Bathyplectes anurus PA

State: OK
County: Grant
Genus-species: Bathyplectes anurus PA

State: OK
County: Greer
Genus-species: Bathyplectes anurus PA

State: OK
County: Harper
Genus-species: Bathyplectes anurus PA

State: OK
County: Kiowa
Genus-species: Bathyplectes anurus PA

State: OK
County: Logan
Genus-species: Bathyplectes anurus PA

State: OK
County: Love
Genus-species: Bathyplectes anurus PA

State: OK
County: Murray
Genus-species: Bathyplectes anurus PA

State: OK
County: Muskogee
Genus-species: Bathyplectes anurus PA

State: OK
County: Nowata
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: OK
County: Ottawa
Genus-species: Bathyplectes anurus PA

State: OK
County: Pawnee
Genus-species: Bathyplectes anurus PA

State: OK
County: Payne
Genus-species: Ephedrus plagiator PA

State: OK
County: Roger Mills
Genus-species: Bathyplectes anurus PA

State: OK
County: Texas
Genus-species: Bathyplectes anurus PA

State: OK
County: Woods
Genus-species: Bathyplectes anurus PA

State: OK
County: Woodward
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA
Microctonus aethiopoides PA

State: OR
County: Benton
Genus-species: Urophora cardui WE

State: OR
County: Clackamas
Genus-species: Agrypon flaveolatum PA
Cyzenis albicans PA

State: OR
County: Douglas
Genus-species: Rhinocyllus conicus WE

State: OR
County: Jackson
Genus-species: Microlarinus lareynii WE

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: OR
County: Klamath
Genus-species: Oberea erythrocephala WE

State: OR
County: Linn
Genus-species: Rhinocyllus conicus WE

State: OR
County: Marion
Genus-species: Agrypon flaveolatum PA
Cyzenis albicans PA
Zeuxidiplosis giardi WE

State: OR
County: Multnomah
Genus-species: Agrypon flaveolatum PA

State: OR
County: Polk
Genus-species: Urophora cardui WE

State: OR
County: Washington
Genus-species: Agrypon flaveolatum PA
Cyzenis albicans PA

State: PA
County: ?
Genus-species: Pediobius foveolatus PA

State: PA
County: Bucks
Genus-species: Glyptapanteles flavicoxis PA
Pediobius foveolatus PA

State: PA
County: Chester
Genus-species: Edovum puttleri PA

State: PA
County: Cumberland
Genus-species: Trichosirocalus horridus WE

State: PA
County: Dauphin
Genus-species: Olesicampe benefactor PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: PA
County: Delaware
Genus-species: Cotesia melanoscelus PA

State: PA
County: Franklin
Genus-species: Trichosirocalus horridus WE

State: PA
County: McKean
Genus-species: Olesicampe benefactor PA

State: PA
County: Mifflin
Genus-species: Olesicampe benefactor PA

State: PA
County: Monroe
Genus-species: Grypocentrus albipes PA

State: PA
County: Perry
Genus-species: Glyptapanteles flavicoxis PA

State: PA
County: Philadelphia
Genus-species: Amblyseius sp. PR
Phytoseiulus persimilis PR

State: PA
County: Schuylkill
Genus-species: Glyptapanteles flavicoxis PA

State: SC
County:
Genus-species: Bathyplectes curculionis PA
Microctonus colesi PA

State: SC
County: ?
Genus-species: Agasicles hygrophila WE

State: SC
County: Abbeville
Genus-species: Encarsia lahorensis PA

State: SC
County: Aiken
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: SC
County: Allendale
Genus-species: Encarsia lahorensis PA

State: SC
County: Bamberg
Genus-species: Encarsia lahorensis PA

State: SC
County: Barnwell
Genus-species: Agasicles hygrophila WE
Encarsia lahorensis PA

State: SC
County: Beaufort
Genus-species: Encarsia lahorensis PA

State: SC
County: Berkeley
Genus-species: Encarsia lahorensis PA

State: SC
County: Calhoun
Genus-species: Encarsia lahorensis PA

State: SC
County: Charleston
Genus-species: Encarsia lahorensis PA

State: SC
County: Cherokee
Genus-species: Bathyplectes anurus PA

State: SC
County: Chester
Genus-species: Encarsia lahorensis PA

State: SC
County: Chesterfield
Genus-species: Encarsia lahorensis PA

State: SC
County: Clarendon
Genus-species: Encarsia lahorensis PA

State: SC
County: Colleton
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: SC
County: Darlington
Genus-species: Encarsia lahorensis PA
Microplitis demolitor PA

State: SC
County: Dillon
Genus-species: Encarsia lahorensis PA

State: SC
County: Dorchester
Genus-species: Encarsia lahorensis PA

State: SC
County: Edgefield
Genus-species: Encarsia lahorensis PA

State: SC
County: Fairfield
Genus-species: Encarsia lahorensis PA

State: SC
County: Florence
Genus-species: Encarsia lahorensis PA

State: SC
County: Georgetown
Genus-species: Encarsia lahorensis PA

State: SC
County: Greenville
Genus-species: Bathyplectes anurus PA

State: SC
County: Greenwood
Genus-species: Encarsia lahorensis PA

State: SC
County: Hampton
Genus-species: Encarsia lahorensis PA

State: SC
County: Horry
Genus-species: Encarsia lahorensis PA

State: SC
County: Jasper
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: SC
County: Kershaw
Genus-species: Encarsia lahorensis PA

State: SC
County: Lancaster
Genus-species: Encarsia lahorensis PA

State: SC
County: Laurens
Genus-species: Encarsia lahorensis PA

State: SC
County: Lee
Genus-species: Encarsia lahorensis PA

State: SC
County: Lexington
Genus-species: Encarsia lahorensis PA

State: SC
County: Marion
Genus-species: Encarsia lahorensis PA

State: SC
County: Marlboro
Genus-species: Encarsia lahorensis PA

State: SC
County: McCormick
Genus-species: Encarsia lahorensis PA

State: SC
County: Newberry
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA
Encarsia lahorensis PA

State: SC
County: Orangeburg
Genus-species: Bathyplectes anurus PA
Microctonus aethiopoides PA
Encarsia lahorensis PA

State: SC
County: Richland
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: SC
County: Saluda
Genus-species: Bathyplectes anurus PA
Encarsia lahorensis PA

State: SC
County: Sumter
Genus-species: Encarsia lahorensis PA

State: SC
County: Union
Genus-species: Encarsia lahorensis PA

State: SC
County: Williamsburg
Genus-species: Encarsia lahorensis PA

State: SC
County: York
Genus-species: Encarsia lahorensis PA

State: SD
County:
Genus-species: Bathyplectes curculionis PA
Microctonus colesi PA

State: SD
County: Bennett
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA
Microctonus aethiopoides PA

State: SD
County: Butte
Genus-species: Bathyplectes anurus PA

State: SD
County: Charles Mix
Genus-species: Rhinocyllus conicus WE

State: SD
County: Fall River
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA
Microctonus aethiopoides PA

State: SD
County: Haakon
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: SD
County: Hughes
Genus-species: Rhinocyllus conicus WE

State: SD
County: Lawrence
Genus-species: Rhinocyllus conicus WE

State: SD
County: Lyman
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA

State: SD
County: Meade
Genus-species: Bathyplectes anurus PA

State: SD
County: Pennington
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA

State: TN
County:
Genus-species: Bathyplectes curculionis PA
Microctonus colesi PA

State: TN
County: Bedford
Genus-species: Bathyplectes anurus PA

State: TN
County: Bradley
Genus-species: Bathyplectes anurus PA

State: TN
County: Carroll
Genus-species: Bathyplectes anurus PA

State: TN
County: Clay
Genus-species: Bathyplectes anurus PA

State: TN
County: Coffee
Genus-species: Bathyplectes anurus PA

State: TN
County: Cumberland
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TN
County: Davidson
Genus-species: Bathyplectes anurus PA

State: TN
County: Dickson
Genus-species: Bathyplectes anurus PA

State: TN
County: Dyer
Genus-species: Bathyplectes anurus PA

State: TN
County: Fayette
Genus-species: Bathyplectes anurus PA

State: TN
County: Fentress
Genus-species: Bathyplectes anurus PA

State: TN
County: Franklin
Genus-species: Bathyplectes anurus PA

State: TN
County: Giles
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA

State: TN
County: Henry
Genus-species: Bathyplectes anurus PA

State: TN
County: Lake
Genus-species: Bathyplectes anurus PA

State: TN
County: Lauderdale
Genus-species: Bathyplectes anurus PA

State: TN
County: Lawrence
Genus-species: Bathyplectes anurus PA

State: TN
County: Lincoln
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TN
County: Loudon
Genus-species: Bathyplectes anurus PA

State: TN
County: Macon
Genus-species: Bathyplectes anurus PA

State: TN
County: Marshall
Genus-species: Bathyplectes anurus PA

State: TN
County: Maury
Genus-species: Bathyplectes anurus PA

State: TN
County: McMinn
Genus-species: Bathyplectes anurus PA

State: TN
County: Montgomery
Genus-species: Bathyplectes anurus PA

State: TN
County: Obion
Genus-species: Bathyplectes anurus PA

State: TN
County: Overton
Genus-species: Bathyplectes anurus PA

State: TN
County: Putnam
Genus-species: Bathyplectes anurus PA

State: TN
County: Robertson
Genus-species: Bathyplectes anurus PA

State: TN
County: Rutherford
Genus-species: Bathyplectes anurus PA

State: TN
County: Smith
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TN
County: Sumner
Genus-species: Bathyplectes anurus PA

State: TN
County: Tipton
Genus-species: Bathyplectes anurus PA

State: TN
County: Warren
Genus-species: Bathyplectes anurus PA

State: TN
County: White
Genus-species: Bathyplectes anurus PA

State: TN
County: Williamson
Genus-species: Bathyplectes anurus PA

State: TN
County: Wilson
Genus-species: Bathyplectes anurus PA

State: TX
County: LRGV (See Section IA, Note 104)
Genus-species: Allorhogas pyralophagus PA

State: TX
County: Anderson
Genus-species: Encarsia lahorensis PA

State: TX
County: Angelina
Genus-species: Encarsia lahorensis PA

State: TX
County: Aransas
Genus-species: Encarsia lahorensis PA

State: TX
County: Atascosa
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TX
County: Austin
Genus-species: Encarsia lahorensis PA

State: TX
County: Bastrop
Genus-species: Encarsia lahorensis PA

State: TX
County: Bee
Genus-species: Encarsia lahorensis PA

State: TX
County: Bell
Genus-species: Encarsia formosa PA
Encarsia lahorensis PA

State: TX
County: Bexar
Genus-species: Encarsia lahorensis PA

State: TX
County: Bowie
Genus-species: Encarsia lahorensis PA

State: TX
County: Brazoria
Genus-species: Encarsia lahorensis PA

State: TX
County: Brazos
Genus-species: Encarsia lahorensis PA
Onitis alexis OT
Euoniticellus intermedius OT
Onthophagus bonasus OT

State: TX
County: Burleson
Genus-species: Encarsia lahorensis PA
Onthophagus bonasus OT
Onitis alexis OT

State: TX
County: Caldwell
Genus-species: Encarsia lahorensis PA

State: TX
County: Calhoun
Genus-species: Encarsia lahorensis PA

State: TX
County: Cameron
Genus-species: Cotesia flavipes PA
Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TX
County: Camp
Genus-species: Encarsia lahorensis PA

State: TX
County: Cass
Genus-species: Encarsia lahorensis PA

State: TX
County: Chambers
Genus-species: Encarsia lahorensis PA

State: TX
County: Cherokee
Genus-species: Encarsia lahorensis PA

State: TX
County: Colorado
Genus-species: Encarsia lahorensis PA

State: TX
County: Comal
Genus-species: Encarsia lahorensis PA

State: TX
County: Dallas
Genus-species: Encarsia lahorensis PA
Peristenus stygicus PA

State: TX
County: De Witt
Genus-species: Encarsia lahorensis PA

State: TX
County: Delta
Genus-species: Encarsia lahorensis PA
Peristenus stygicus PA

State: TX
County: Ellis
Genus-species: Encarsia lahorensis PA

State: TX
County: Falls
Genus-species: Encarsia lahorensis PA

State: TX
County: Fannin
Genus-species: Peristenus stygicus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TX
County: Fayette
Genus-species: Encarsia lahorensis PA

State: TX
County: Fort Bend
Genus-species: Encarsia lahorensis PA

State: TX
County: Franklin
Genus-species: Encarsia lahorensis PA

State: TX
County: Freestone
Genus-species: Encarsia lahorensis PA

State: TX
County: Galveston
Genus-species: Encarsia lahorensis PA

State: TX
County: Goliad
Genus-species: Encarsia lahorensis PA

State: TX
County: Gonzalez
Genus-species: Encarsia lahorensis PA

State: TX
County: Gregg
Genus-species: Encarsia lahorensis PA

State: TX
County: Grimes
Genus-species: Encarsia lahorensis PA

State: TX
County: Guadalupe
Genus-species: Encarsia lahorensis PA

State: TX
County: Hardin
Genus-species: Encarsia lahorensis PA

State: TX
County: Harris
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TX
County: Harrison
Genus-species: Encarsia lahorensis PA

State: TX
County: Hays
Genus-species: Encarsia lahorensis PA

State: TX
County: Henderson
Genus-species: Encarsia lahorensis PA

State: TX
County: Hidalgo
Genus-species: Cotesia flavipes PA
Encarsia lahorensis PA

State: TX
County: Hill
Genus-species: Encarsia lahorensis PA

State: TX
County: Hopkins
Genus-species: Encarsia lahorensis PA

State: TX
County: Houston
Genus-species: Encarsia lahorensis PA

State: TX
County: Hunt
Genus-species: Encarsia lahorensis PA

State: TX
County: Jackson
Genus-species: Encarsia lahorensis PA

State: TX
County: Jasper
Genus-species: Encarsia lahorensis PA

State: TX
County: Jefferson
Genus-species: Encarsia lahorensis PA

State: TX
County: Jim Wells
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TX
County: Karnes
Genus-species: Encarsia lahorensis PA

State: TX
County: Kaufman
Genus-species: Encarsia lahorensis PA

State: TX
County: Kleberg
Genus-species: Encarsia lahorensis PA

State: TX
County: Lamar
Genus-species: Encarsia lahorensis PA
Peristenus stygicus PA

State: TX
County: Lavaca
Genus-species: Encarsia lahorensis PA

State: TX
County: Lee
Genus-species: Encarsia lahorensis PA

State: TX
County: Leon
Genus-species: Encarsia lahorensis PA

State: TX
County: Liberty
Genus-species: Encarsia lahorensis PA

State: TX
County: Limestone
Genus-species: Encarsia lahorensis PA

State: TX
County: Live Oak
Genus-species: Encarsia lahorensis PA

State: TX
County: Madison
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TX
County: Marion
Genus-species: Encarsia lahorensis PA

State: TX
County: Matagorda
Genus-species: Encarsia lahorensis PA

State: TX
County: McLennan
Genus-species: Encarsia lahorensis PA

State: TX
County: Milam
Genus-species: Encarsia lahorensis PA

State: TX
County: Montgomery
Genus-species: Encarsia lahorensis PA

State: TX
County: Morris
Genus-species: Encarsia lahorensis PA

State: TX
County: Nacogdoches
Genus-species: Encarsia lahorensis PA

State: TX
County: Navarro
Genus-species: Encarsia lahorensis PA

State: TX
County: Newton
Genus-species: Encarsia lahorensis PA

State: TX
County: Nueces
Genus-species: Encarsia lahorensis PA

State: TX
County: Orange
Genus-species: Encarsia lahorensis PA

State: TX
County: Panola
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TX
County: Polk
Genus-species: Encarsia lahorensis PA

State: TX
County: Rains
Genus-species: Encarsia lahorensis PA

State: TX
County: Red River
Genus-species: Encarsia lahorensis PA

State: TX
County: Refugio
Genus-species: Encarsia lahorensis PA

State: TX
County: Rockwall
Genus-species: Encarsia lahorensis PA

State: TX
County: Rusk
Genus-species: Encarsia lahorensis PA

State: TX
County: Sabine
Genus-species: Encarsia lahorensis PA

State: TX
County: San Augustine
Genus-species: Encarsia lahorensis PA

State: TX
County: San Jacinto
Genus-species: Encarsia lahorensis PA

State: TX
County: San Patricio
Genus-species: Encarsia lahorensis PA

State: TX
County: Shelby
Genus-species: Encarsia lahorensis PA

State: TX
County: Smith
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TX
County: Starr
Genus-species: Cotesia flavipes PA

State: TX
County: Titus
Genus-species: Encarsia lahorensis PA

State: TX
County: Travis
Genus-species: Encarsia lahorensis PA

State: TX
County: Trinity
Genus-species: Encarsia lahorensis PA

State: TX
County: Tyler
Genus-species: Encarsia lahorensis PA

State: TX
County: Upshur
Genus-species: Encarsia lahorensis PA

State: TX
County: Van Zandt
Genus-species: Encarsia lahorensis PA

State: TX
County: Victoria
Genus-species: Encarsia lahorensis PA

State: TX
County: Walker
Genus-species: Encarsia lahorensis PA

State: TX
County: Waller
Genus-species: Encarsia lahorensis PA

State: TX
County: Washington
Genus-species: Encarsia lahorensis PA

State: TX
County: Wharton
Genus-species: Encarsia lahorensis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: TX
County: Willacy
Genus-species: Cotesia flavipes PA
Encarsia lahorensis PA

State: TX
County: Williamson
Genus-species: Encarsia lahorensis PA

State: TX
County: Wilson
Genus-species: Encarsia lahorensis PA

State: TX
County: Wood
Genus-species: Encarsia lahorensis PA

State: UT
County: Cache
Genus-species: Osmia cornuta PO
Rhinocyllus conicus WE

State: UT
County: Daggett
Genus-species: Rhinocyllus conicus WE

State: UT
County: Morgan
Genus-species: Palloptera modesta PR

State: UT
County: Rich
Genus-species: Rhinocyllus conicus WE

State: UT
County: Salt Lake
Genus-species: Rhinocyllus conicus WE

State: UT
County: Wayne
Genus-species: Rhinocyllus conicus WE

State: UT
County: Weber
Genus-species: Rhinocyllus conicus WE

State: VA
County: Accomack
Genus-species: Compsilura concinnata PA
Edovum puttleri PA

(County continued next page)

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

Genus-species: Meteorus pulchricornis PA

State: VA
County: Albemarle
Genus-species: Rhinocyllus conicus WE
Trichosirocalus horridus WE

State: VA
County: Alexandria
Genus-species: Compsilura concinnata PA
Meteorus pulchricornis PA

State: VA
County: Arlington
Genus-species: Compsilura concinnata PA
Meteorus pulchricornis PA

State: VA
County: Augusta
Genus-species: Rhinocyllus conicus WE
Trichosirocalus horridus WE

State: VA
County: Botetourt
Genus-species: Chrysocharis liriomyzae PA
Dacnusa dryas PA

State: VA
County: Charlottesville
Genus-species: Rhinocyllus conicus WE

State: VA
County: Chesapeake
Genus-species: Compsilura concinnata PA
Meteorus pulchricornis PA

State: VA
County: Chesterfield
Genus-species: Compsilura concinnata PA
Meteorus pulchricornis PA

State: VA
County: Clarke
Genus-species: Compsilura concinnata PA
Meteorus pulchricornis PA

State: VA
County: Culpeper
Genus-species: Rhinocyllus conicus WE
Trichosirocalus horridus WE

State: VA
County: Fairfax
Genus-species: Brachymeria intermedia PA
Meteorus pulchricornis PA
Compsilura concinnata PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: VA
County: Fauquier
Genus-species: Compsilura concinnata PA
Trichosirocalus horridus WE

State: VA
County: Frederick
Genus-species: Trichosirocalus horridus WE

State: VA
County: Greene
Genus-species: Rhinocyllus conicus WE
Trichosirocalus horridus WE

State: VA
County: Hampton
Genus-species: Compsilura concinnata PA

State: VA
County: Hanover
Genus-species: Compsilura concinnata PA
Meteorus pulchricornis PA

State: VA
County: Highland
Genus-species: Rhinocyllus conicus WE

State: VA
County: Lancaster
Genus-species: Pediobius foveolatus PA

State: VA
County: Loudoun
Genus-species: Compsilura concinnata PA
Trichosirocalus horridus WE
Meteorus pulchricornis PA

State: VA
County: Louisa
Genus-species: Rhinocyllus conicus WE
Trichosirocalus horridus WE

State: VA
County: Lunenburg
Genus-species: Compsilura concinnata PA
Meteorus pulchricornis PA

State: VA
County: Madison
Genus-species: Rhinocyllus conicus WE
Trichosirocalus horridus WE

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: VA
County: Nelson
Genus-species: Osmia lignaria propinqua PO

State: VA
County: Norfolk
Genus-species: Compsilura concinnata PA
Meteorus pulchricornis PA

State: VA
County: Northumberland
Genus-species: Pediobius foveolatus PA

State: VA
County: Orange
Genus-species: Rhinocyllus conicus WE
Trichosirocalus horridus WE

State: VA
County: Prince William
Genus-species: Compsilura concinnata PA
Meteorus pulchricornis PA

State: VA
County: Richmond
Genus-species: Pediobius foveolatus PA

State: VA
County: Rockbridge
Genus-species: Rhinocyllus conicus WE
Trichosirocalus horridus WE

State: VA
County: Shenandoah
Genus-species: Rhinocyllus conicus WE
Trichosirocalus horridus WE

State: VA
County: Virginia Beach
Genus-species: Compsilura concinnata PA
Meteorus pulchricornis PA

State: VA
County: Westmoreland
Genus-species: Pediobius foveolatus PA

State: VT
County: Addison
Genus-species: Rogas lymantriae PA

State: VT
County: Washington
Genus-species: Osmia cornifrons PO

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: WA
County: Adams
Genus-species: Aceria chondrillae WE

State: WA
County: Asotin
Genus-species: Chrysolina quadrigemina WE

State: WA
County: Benton
Genus-species: Aphelinus asychis PA
Praon volucre PA
Aphidius uzbekistanicus PA

State: WA
County: Ferry
Genus-species: Calophasia lunula WE
Chrysolina quadrigemina WE

State: WA
County: Franklin
Genus-species: Aceria chondrillae WE

State: WA
County: Garfield
Genus-species: Aceria chondrillae WE
Diadegma laricinellum PA
Chrysolina quadrigemina WE
Urophora quadrifasciata WE

State: WA
County: Klickitat
Genus-species: Calophasia lunula WE
Chrysolina quadrigemina WE
Propylea quatuordecimpunctata PR
Calvia quatuordecimguttata PR
Oenopia conglobata PR
Urophora quadrifasciata WE

State: WA
County: Lewis
Genus-species: Botanophila seneciella WE

State: WA
County: Okanogan
Genus-species: Chrysolina quadrigemina WE
Rhinocyllus conicus WE

State: WA
County: Pend Oreille
Genus-species: Chrysolina quadrigemina WE

State: WA
County: San Juan
Genus-species: Urophora cardui WE

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: WA
County: Spokane
Genus-species: Aceria chondrillae WE
Calophasia lunula WE

State: WA
County: Stevens
Genus-species: Aceria chondrillae WE

State: WA
County: Walla Walla
Genus-species: Rhinocyllus conicus WE

State: WA
County: Whitman
Genus-species: Aceria chondrillae WE
Microlarinus lareynii WE
Zeuxidiplosis giardi WE
Chrysolina quadrigemina WE
Urophora cardui WE

State: WA
County: Yakima
Genus-species: Calophasia lunula WE
Harmonia axyridis PR
Menochilus quadriplagiatus PR
Propylea quatuordecimpunctata PR
Calvia quatuordecimguttata PR
Harmonia conformis PR
Oenopia conglobata PR
Urophora quadrifasciata WE

State: WI
County:
Genus-species: Bathyplectes curculionis PA
Microctonus colesi PA

State: WI
County: Adams
Genus-species: Bathyplectes anurus PA

State: WI
County: Barron
Genus-species: Bathyplectes anurus PA

State: WI
County: Brown
Genus-species: Bathyplectes anurus PA

State: WI
County: Buffalo
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: WI
County: Chippewa
Genus-species: Bathyplectes anurus PA

State: WI
County: Clark
Genus-species: Bathyplectes anurus PA

State: WI
County: Columbia
Genus-species: Bathyplectes anurus PA

State: WI
County: Crawford
Genus-species: Bathyplectes anurus PA

State: WI
County: Dane
Genus-species: Bathyplectes anurus PA
Brachymeria lasus PA
Brachymeria intermedia PA
Lophyroplectus oblongopunctatus PA

State: WI
County: Dodge
Genus-species: Bathyplectes anurus PA

State: WI
County: Door
Genus-species: Bathyplectes anurus PA

State: WI
County: Dunn
Genus-species: Bathyplectes anurus PA

State: WI
County: Florence
Genus-species: Bathyplectes anurus PA

State: WI
County: Fond du Lac
Genus-species: Bathyplectes anurus PA

State: WI
County: Grant
Genus-species: Bathyplectes anurus PA
Lophyroplectus oblongopunctatus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: WI
County: Green
Genus-species: Bathyplectes anurus PA

State: WI
County: Iowa
Genus-species: Bathyplectes anurus PA
Oomyzus incertus PA

State: WI
County: Jefferson
Genus-species: Bathyplectes anurus PA

State: WI
County: Manitowoc
Genus-species: Bathyplectes anurus PA

State: WI
County: Marathon
Genus-species: Bathyplectes anurus PA

State: WI
County: Monroe
Genus-species: Bathyplectes anurus PA

State: WI
County: Outagamie
Genus-species: Bathyplectes anurus PA

State: WI
County: Pierce
Genus-species: Bathyplectes anurus PA

State: WI
County: Polk
Genus-species: Bathyplectes anurus PA

State: WI
County: Portage
Genus-species: Bathyplectes anurus PA

State: WI
County: Rock
Genus-species: Bathyplectes anurus PA

State: WI
County: Sauk
Genus-species: Bathyplectes anurus PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: WI
County: Shawano
Genus-species: Bathyplectes anurus PA

State: WI
County: Sheboygan
Genus-species: Bathyplectes anurus PA

State: WI
County: St Croix
Genus-species: Bathyplectes anurus PA

State: WI
County: Trempealeau
Genus-species: Bathyplectes anurus PA

State: WI
County: Washington
Genus-species: Bathyplectes anurus PA

State: WI
County: Waukesha
Genus-species: Bathyplectes anurus PA
Lophyroplectus oblongopunctatus PA

State: WI
County: Waushara
Genus-species: Bathyplectes anurus PA

State: WV
County:
Genus-species: Bathyplectes curculionis PA
Microctonus colesi PA

State: WV
County: Greenbrier
Genus-species: Chrysocharis liriomyzae PA
Dacnusa dryas PA

State: WV
County: Jefferson
Genus-species: Edovum puttleri PA
Pediobius foveolatus PA
Glyptapanteles flavicoxis PA

State: WV
County: Morgan
Genus-species: Glyptapanteles flavicoxis PA

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: WV
County: Roane
Genus-species: Bathyplectes anurus PA

State: WV
County: Upshur
Genus-species: Bathyplectes anurus PA

State: WY
County: Campbell
Genus-species: Urophora cardui WE

State: WY
County: Converse
Genus-species: Rhinocyllus conicus WE

State: WY
County: Crook
Genus-species: Rhinocyllus conicus WE
Urophora cardui WE

State: WY
County: Fremont
Genus-species: Rhinocyllus conicus WE
Urophora cardui WE

State: WY
County: Goshen
Genus-species: Rhinocyllus conicus WE

State: WY
County: Laramie
Genus-species: Calophasia lunula WE

State: WY
County: Lincoln
Genus-species: Oberea erythrocephala WE
Rhinocyllus conicus WE

State: WY
County: Natrona
Genus-species: Trichosirocalus horridus WE

State: WY
County: Park
Genus-species: Rhinocyllus conicus WE

State: WY
County: Sublette
Genus-species: Coleophora klimeschiella WE
Rhinocyllus conicus WE

SECTION VI - RELEASES OF INTRODUCED BENEFICIAL ORGANISMS BY STATE/TERRITORY AND COUNTY - 1982
Each County Followed by List of Released Organisms Alphabetized by Genus-species, with Type of Organism

State: WY
County: Uinta
Genus-species: Rhinocyllus conicus WE

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Allorhogas pyralophagus Marsh Hymenoptera Braconidae	Eoreuma loftini (Dyar) Mexican rice borer	Mexico	Trinidad & Tobago TAMU-JWS-82-0008	30	C
Aphelinus varipes (Förster) Hymenoptera Aphelinidae	Schizaphis graminum (Rondani) greenbug	France	Brazil EPL-82-0008	101	MU
Aphidius sp. Hymenoptera Aphidiidae	SAME	France	Brazil EPL-82-0001	185	MU
	Sitobion spp.	France	Brazil EPL-82-0003	65	MU
	Metopolophium dirhodum (Walker)	France	Brazil EPL-82-0004	37	MU
	SAME	France	Brazil EPL-82-0005	48	MU
Aphthona flava Guillebeau Coleoptera Chrysomelidae	Euphorbia esula Linnaeus leafy spurge	Italy-Tuscany	Canada BCWLE-82-0007	980	A
Aschersonia aleyrodis Webber Moniliales	Dialeurodes citri (Ashmead) citrus whitefly	USA-FL	Israel IPRU-RAH-82-0007	?	CULT
	Aleyrodid sp.	USA-FL	Israel IPRU-RAH-82-0009	?	CULT
	Dialeurodes citri (Ashmead) citrus whitefly	USA-FL	Turkey IPRU-RAH-82-0065	?	CULT

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Aschersonia goldiana Saccardo & Ellis Moniliales	Dialeurodes citri (Ashmead) citrus whitefly	USA-FL	Israel IPRU-RAH-82-0008	?	CULT
Batkoa apiculata (Thaxter) Humber Entomophthorales Ancylistaceae	?	Sweden	Turkey IPRU-RAH-82-0062	?	CULT
Beauveria bassiana (Balsamo) Vuillemin Moniliales	Malacosoma americanum (Fabricius) eastern tent caterpillar	USA-MA	Turkey IPRU-RAH-82-0057	?	CULT
	Nilaparvata lugens (Stål) brown planthopper	China (PRC)	United Kingdom IPRU-RAH-82-0074	?	CULT
Biosteres fullawayi (Silvestri) Hymenoptera Braconidae	Ceratitis anonae Graham	Cameroon	Costa Rica TAMU-82-0027	1	A
	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0042	1	A
	SAME	Cameroon	Costa Rica TAMU-82-0048	1	A
	SAME	Cameroon	Costa Rica TAMU-82-0061	1	A
	SAME	Cameroon	Costa Rica TAMU-82-0087	5	A

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Biosteres fullawayi (Silvestri) Hymenoptera Braconidae	Trirhithrum coffeae Bezzi	Togo	Costa Rica TAMU-82-0002	3	A
	SAME	Togo	Costa Rica TAMU-82-0006	1	A
Biosteres sp. Hymenoptera Braconidae	Trirhithrum sp. prob. coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0021	1	A
Braconid sp. A Hymenoptera Braconidae	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0041	3	A
Chrysocharis parksi Crawford Hymenoptera Eulophidae	Liriomyza spp. Agromyzid leafminers	USA-CA	United Kingdom HDA-82-2010	200e	A
Chrysocharis sp. nr. giraulti Yoshimoto Hymenoptera Eulophidae	Liriomyza spp. Agromyzid leafminers	Trinidad & Tobago	United Kingdom HDA-82-1010	200e	A
Chrysolina quadrigemina (Suffrian) Coleoptera Chrysomelidae	Hypericum perforatum Linnaeus common St. Johnswort	USA-CA	Canada BCWRL-LAA-82-0007	200e	A
Chrysonotomyia punctiventris (Crawford) Hymenoptera Eulophidae	Liriomyza spp. Agromyzid leafminers	USA-CA	United Kingdom HDA-82-3010	200e	A

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Conidiobolus obscurus (Hall & Dunn) R.& K. Entomophthorales Ancylistaceae	Therioaphis maculata (Buckton) spotted alfalfa aphid	USA	Brazil IPRU-RAH-82-0033	?	CULT
Conidiobolus osmodes Drechsler Entomophthorales Ancylistaceae	Hypera postica (Gyllenhal) alfalfa weevil	Israel	Canada IPRU-RAH-82-0045	?	CULT
Conidiobolus thromboides Drechsler Entomophthorales Ancylistaceae	Macrosiphum euphorbiae (Thomas) potato aphid	USA-ME	Brazil IPRU-RAH-82-0031	?	CULT
	Heleomyzid sp.	USA-ME	Turkey IPRU-RAH-82-0058	?	CULT
Cotesia melanoscelus (Ratzeburg) Hymenoptera Braconidae	Lymantria dispar (Linnaeus) gypsy moth	USA-NJ	Canada BIRL-RWF-82-0106	100	C
	SAME	USA-NJ	Canada BIRL-RWF-82-0120	145	C
	SAME	USA-NJ	Canada BIRL-RWF-82-0136	238	C
Culicinomyces clavisporus Couch, Romney & Rao Moniliales	Anopheles amictus hilli Woodhill & Lee	Australia	Turkey IPRU-RAH-82-0066	?	CULT
Diachasmimorpha tryoni (Cameron) Hymenoptera Braconidae	Ceratitis capitata (Wiedemann) Mediterranean fruit fly	USA-HI	Costa Rica TAMU-82-0075	208	A

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Diglyphus intermedius (Girault) Hymenoptera Eulophidae	Liriomyza trifolii (Burgess) leafminer	USA-TX	Trinidad & Tobago TAMU-JWS-82-0006	12	A
Dinotiscus burkei (Crawford) Hymenoptera Pteromalidae	Ips spp.	USA-CA	Australia UCB-DLD-82-0012	65	C
Edovum puttleri Grissell Hymenoptera Eulophidae	Leptinotarsa undecemlineata (Stål)	Colombia	Canada BIIL-RFWS-82-0034	300e	PHE
	SAME	Colombia	Netherlands BIIL-RFWS-82-0050	100e	PHE
Encarsia deserti Gerling and Rivnay Hymenoptera Aphelinidae	Bemisia tabaci (Gennadius) sweetpotato whitefly	USA-AZ	Israel WCRL-GDB-82-0001-A	?e	PHP
Encarsia formosa Gahan Hymenoptera Aphelinidae	?	?	Israel UCR-MJR-82-0006	?e	?
Encarsia sp. Hymenoptera Aphelinidae	Parabemisia myricae Kuwana Japanese bayberry whitefly	Japan-Honshu	Israel UCR-MJR-82-0004	?	A
Entomophaga aulicae (Reichardt) Humber Entomophthorales Entomophthoraceae	Aedia leucomelas (Linnaeus) sweetpotato leaf worm	Japan	Canada IPRU-RAH-82-0013	?	CULT

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Entomophaga aulicae (Reichardt) Humber Entomophthorales Entomophthoraceae	Tipula sp.	Switzerland	Canada IPRU-RAH-82-0014	?	CULT
	Heliothis? sp.	USA-GA	Brazil IPRU-RAH-82-0037	?	CULT
	Choristoneura fumiferana (Clemens) spruce budworm	USA-ME	Turkey IPRU-RAH-82-0061	?	CULT
Entomophthora muscae (Cohn) Fresenius Entomophthorales Entomophthoraceae	Pollenia rudis (Fabricius) cluster fly	USA-NY	Denmark IPRU-RAH-82-0050	?	CULT
	Delia platura (Meigen) seedcorn maggot	UK-England	Denmark IPRU-RAH-82-0051	?	CULT
	Musca domestica Linnaeus house fly	USA-NY	Israel IPRU-RAH-82-0052	?	CULT
Ephedrus plagiator (Nees) Hymenoptera Aphidiidae	Schizaphis graminum (Rondani) greenbug	France	Brazil EPL-82-0002	157	MU
	Sitobion spp.	France	Brazil EPL-82-0006	69	MU
	Schizaphis graminum (Rondani) greenbug	France	Brazil EPL-82-0007	326	MU

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Ephedrus plagiator (Nees) Hymenoptera Aphidiidae	Schizaphis graminum (Rondani) greenbug	France	Brazil EPL-82-0010	1095	MU
	SAME	France	Brazil EPL-82-0011	215	MU
Eretmocerus sp. Hymenoptera Aphelinidae	Parabemisia myricae Kuwana Japanese bayberry whitefly	USA-CA	Israel UCR-MJR-82-0002	?e	A
Eretmocerus sp. A Hymenoptera Aphelinidae	SAME	Japan-Honshu	Israel UCR-MJR-82-0003	?e	A
Eretmocerus sp. B Hymenoptera Aphelinidae	Bemisia tabaci (Gennadius) sweetpotato whitefly	USA-CA	Israel UCR-MJR-82-0005	?	A
	SAME	USA-AZ	Israel WCRL-GDB-82-0001-B	?e	PHP
Eutreta xanthochaeta Aldrich Diptera Tephritidae	Stachytarpheta sp.	USA-HI	South Africa HDA-82-0009-A	250e	GALLS
Glyptapanteles flavicoxis (Marsh) Hymenoptera Braconidae	Lymantria obfuscata (Walker)	India	China (PRC) BIRL-RWF-82-0070	185	A,C

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Halticoptera patellana (Dalman) Hymenoptera Pteromalidae	Liriomyza spp. Agromyzid leafminers	USA-CA	United Kingdom HDA-82-4010	300e	A
Heterorhabditis bacteriophora Poinar, 1976 Rhabditida Heterorhabditidae	Helicoverpa zea (Boddie) corn earworm, bollworm	USA-NC	China (PRC) UCDND-HKK-82-0001	?e	J
Hirsutella citriformis Speare Moniliales	Nilaparvata lugens (Stål) brown planthopper	Malaysia	United Kingdom IPRU-RAH-82-0071	?	CULT
Hirsutella thompsonii Fisher Moniliales	Phyllocoptruta oleivora (Ashmead) citrus rust mite	USA-FL	Brazil IPRU-RAH-82-0034	?	CULT
	SAME	USA-FL	Turkey IPRU-RAH-82-0063	?	CULT
Lantanophaga pusillidactyla (Walker) Lepidoptera Pterophoridae	Lantana spp.	USA-HI	South Africa HDA-82-0007-A	600e	L,P
Lariophagus distinguendus (Förster) Hymenoptera Pteromalidae	Lasioderma sp.		Netherlands SPIRDL-RTA-82-0001	?e	PHL
Lobesia euphorbiana (Freyer) Lepidoptera Tortricidae	Euphorbia spp.	Italy-Emilia Romagna	Canada BCWLE-82-0013	160	L

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Lysiphlebus ?testaceipes (Cresson) Hymenoptera Aphidiidae	unidentified aphid sp.	USA-FL	Sudan FBCL-GRB-82-0008	300e	MU
Metarhizium anisopliae (Metschnik.) Sorokin Moniliales	Elaterid sp.	USA-NC	UK, England IPRU-RAH-82-0001	?	CULT
	Scarabaeid sp.	Western Samoa	UK, England IPRU-RAH-82-0002	?	CULT
	Austracris guttulosa (Walker)	Australia	UK, England IPRU-RAH-82-0003	?	CULT
	Nilaparvata lugens (Stål) brown planthopper	Philippines	UK, England IPRU-RAH-82-0004	?	CULT
	Recilia dorsalis (Motschulsky) zigzag rice leafhopper	Philippines	UK, England IPRU-RAH-82-0005	?	CULT
	Cercopid sp.	Brazil	UK, England IPRU-RAH-82-0006	?	CULT
	Oryctes rhinoceros (Linnaeus)	Thailand	Israel IPRU-RAH-82-0010	?	CULT
	Cercopid sp.	Brazil	Israel IPRU-RAH-82-0011	?	CULT
	Teleogryllus commodus (Walker)	Australia	Brazil IPRU-RAH-82-0040	?	CULT

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Metarhizium anisopliae (Metschnik.) Sorokin Moniliales	Nilaparvata lugens (Stål) brown planthopper	Philippines	Brazil IPRU-RAH-82-0041	?	CULT
	SAME	Philippines	United Kingdom IPRU-RAH-82-0069	?	CULT
Microterys ishiii Tachikawa Hymenoptera Encyrtidae	Pulvinaria aurantii Cockerell	Japan	USSR UCB-KSH-82-0028	44	PHN
Neochetina bruchi Hustache Coleoptera Curculionidae	Eichhornia crassipes (C.Mart.)Solms-Laub. waterhyacinth	USA-FL	India APML-TDC-82-0001	?e	A
Neochetina eichhorniae Warner Coleoptera Curculionidae	SAME	USA-FL	India APML-TDC-82-0002	?e	A
Nomuraea rileyi (Farlow) Samson Moniliales	Spodoptera sp.	Australia	Brazil IPRU-RAH-82-0039	?	CULT
	Noctuid sp.	USA-MS	Turkey IPRU-RAH-82-0060	?	CULT
Opius dissitus Muesebeck Hymenoptera Braconidae	Liriomyza spp. Agromyzid leafminers	USA-FL	United Kingdom HDA-82-5010	100e	A
Opius n. sp. Hymenoptera Braconidae	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0058	2	A

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Opius n. sp. nr. africanus Szépligeti Hymenoptera Braconidae	Trirhithrum coffeae Bezzi	Togo	Costa Rica TAMU-82-0003	3	A
	SAME	Togo	Costa Rica TAMU-82-0005	3	A
Opius perproximus Silvestri Hymenoptera Braconidae	SAME	Togo	Costa Rica TAMU-82-0001	7	A
	SAME	Togo	Costa Rica TAMU-82-0004	17	A
	SAME	Cameroon	Costa Rica TAMU-82-0008	7	A
	Trirhithrum sp. prob. coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0012	6	A
	SAME	Cameroon	Costa Rica TAMU-82-0013	47	A
	SAME	Cameroon	Costa Rica TAMU-82-0017	31	A
	SAME	Cameroon	Costa Rica TAMU-82-0018	19	A
	SAME	Cameroon	Costa Rica TAMU-82-0019	5	A
	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0022	54	A
	SAME	Cameroon	Costa Rica TAMU-82-0024	29	A

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Opius perproximus Silvestri Hymenoptera Braconidae	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0028	50	A
	SAME	Cameroon	Costa Rica TAMU-82-0030	7	A
	SAME	Cameroon	Costa Rica TAMU-82-0033	58	A
	SAME	Cameroon	Costa Rica TAMU-82-0035	60	A
	SAME	Cameroon	Costa Rica TAMU-82-0039	60	A
	SAME	Cameroon	Costa Rica TAMU-82-0045	68	A
	SAME	Cameroon	Costa Rica TAMU-82-0050	93	A
	SAME	Cameroon	Costa Rica TAMU-82-0053	42	A
	SAME	Cameroon	Costa Rica TAMU-82-0057	70	A
	SAME	Cameroon	Costa Rica TAMU-82-0064	107	A
	SAME	Cameroon	Costa Rica TAMU-82-0067	5	A
	SAME	Cameroon	Costa Rica TAMU-82-0071	50	A
	SAME	Cameroon	Costa Rica TAMU-82-0076	23	A
	SAME	Cameroon	Costa Rica TAMU-82-0079	6	A

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Opius perproximus Silvestri Hymenoptera Braconidae	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0097	9	A
	SAME	Cameroon	Costa Rica TAMU-82-0102	13	A
	SAME	Cameroon	Costa Rica TAMU-82-0105	18	L
	SAME	Cameroon	Costa Rica TAMU-82-0110	9	A
	SAME	Cameroon	Costa Rica TAMU-82-0114	18	A
Opius sp. Hymenoptera Braconidae	Trirhithrum sp. prob. coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0014	3	A
Orrinia phyllobia (Thorne) Tylenchida Neotylenchidae	Solanum elaeagnifolium Cav. silverleaf nightshade	USA-TX	South Africa SPCRL-CCO-82-0001	?e	J
Orthogalumna terebrantis Wallwork Acariformes Galumnidae	Eichhornia crassipes (C.Mart.)Solms-Laub. waterhyacinth	USA-FL	India APML-TDC-82-0003	?e	A,L
Osmia cornifrons (Radoszkowski) Hymenoptera Megachilidae	apple	USA-MD	Canada BIIL-SWTB-82-0055	400e	A

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Osmia lignaria lignaria Say Hymenoptera Megachilidae	fruit	USA-MD	Japan BIIL-SWTB-82-0046	500e	A
Paecilomyces farinosus (Holm ex SFGray) B&S Moniliales	Malacosoma americanum (Fabricius) eastern tent caterpillar	USA-MA	Brazil IPRU-RAH-82-0029	?	CULT
	Lymantria dispar (Linnaeus) gypsy moth	USA-PA	Brazil IPRU-RAH-82-0030	?	CULT
	?	Poland	Brazil IPRU-RAH-82-0042	?	CULT
Paecilomyces javanicus (Fr.&Bally) Br.&Sm. Moniliales	Litodactylus leucogaster (Marsham)	USA-FL	Brazil IPRU-RAH-82-0038	?	CULT
Pandora delphacis (Hori) Humber Entomophthorales Entomophthoraceae	Sogatella furcifera (Horvath) whitebacked planthopper	Indonesia	Australia IPRU-RAH-82-0027	?	CULT
	SAME	Indonesia	Brazil IPRU-RAH-82-0044	?	CULT
	Nilaparvata lugens (Stål) brown planthopper	Indonesia	Philippines IPRU-RAH-82-0046	?	CULT
	Sogatella furcifera (Horvath) whitebacked planthopper	Indonesia	Philippines IPRU-RAH-82-0047	?	CULT

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Pandora delphacis (Hori) Humber Entomophthorales Entomophthoraceae	Nilaparvata lugens (Stål) brown planthopper	Japan	United Kingdom IPRU-RAH-82-0068	?	CULT
	Nephotettix cincticeps (Uhler)	Philippines	United Kingdom IPRU-RAH-82-0070	?	CULT
	Nilaparvata lugens (Stål) brown planthopper	Indonesia	United Kingdom IPRU-RAH-82-0073	?	CULT
	SAME	China (PRC)	United Kingdom IPRU-RAH-82-0075	?	CULT
Pandora neoaphidis (Rem. & Hen.) Humber Entomophthorales Entomophthoraceae	Aphis fabae Scopoli bean aphid	Poland	Australia IPRU-RAH-82-0028	?	CULT
Pandora nouryi (Rem. & Hen.) Humber Entomophthorales Entomophthoraceae	Aphidid sp.	USA-ME	Australia IPRU-RAH-82-0026	?	CULT
Pediobius foveolatus (Crawford) Hymenoptera Eulophidae	Henosepilachna sparsa (Herbst)	India	Western Samoa BIRL-PWS-82-0055	20	MU
	Henosepilachna vigintioctopunctata (Fabricius)	Japan-Honshu	Mexico BIRL-PWS-82-0116	97	MU
	SAME	Japan-Honshu	Mexico BIRL-PWS-82-0121	63	MU

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Praon gallicum Starý Hymenoptera Aphidiidae	Schizaphis graminum (Rondani) greenbug	France	Brazil EPL-82-0009	71	MU
Puccinia chondrillina Bubak & Sydenham Uredinales Pucciniaceae	Chondrilla juncea Linnaeus rush skeletonweed	USA-WA	Argentina WASUPP-RFL-82-0001	?e	SPORES
Rhaconotus roslinensis Lal Hymenoptera Braconidae	Eoreuma steniellus (Hampson)	Pakistan	Bolivia TAMU-JWS-82-0007	150e	C
Rhinocyllus conicus (Froelich) Coleoptera Curculionidae	Carduus nutans Linnaeus musk thistle	USA-MT	Argentina RIL-NER-82-0039	?e	A
Rhynchosteres caudatus (Szépligeti) Hymenoptera Braconidae	Trirhithrum sp. prob. coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0015	6	A
	SAME	Cameroon	Costa Rica TAMU-82-0016	1	A
	SAME	Cameroon	Costa Rica TAMU-82-0020	8	A
	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0023	11	A
	SAME	Cameroon	Costa Rica TAMU-82-0025	11	A
	SAME	Cameroon	Costa Rica TAMU-82-0026	15	A

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Rhynchosteres caudatus (Szépligeti) Hymenoptera Braconidae	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0029	40	A
	SAME	Cameroon	Costa Rica TAMU-82-0034	5	A
	SAME	Cameroon	Costa Rica TAMU-82-0036	38	A
	SAME	Cameroon	Costa Rica TAMU-82-0040	132	A
	SAME	Cameroon	Costa Rica TAMU-82-0043	81e	A
	SAME	Cameroon	Costa Rica TAMU-82-0049	63	A
	SAME	Cameroon	Costa Rica TAMU-82-0052	212	A
	SAME	Cameroon	Costa Rica TAMU-82-0059	8	A
	SAME	Cameroon	Costa Rica TAMU-82-0065	358	A
	SAME	Cameroon	Costa Rica TAMU-82-0069	103	A
	SAME	Cameroon	Costa Rica TAMU-82-0073	174	A
	SAME	Cameroon	Costa Rica TAMU-82-0078	253	A
	SAME	Cameroon	Costa Rica TAMU-82-0081	109	A
	SAME	Cameroon	Costa Rica TAMU-82-0088	45	A

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Rhynchosteres caudatus (Szépligeti) Hymenoptera Braconidae	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0091	25	A
	SAME	Cameroon	Costa Rica TAMU-82-0099	36	A
	SAME	Cameroon	Costa Rica TAMU-82-0104	104	A
	SAME	Cameroon	Costa Rica TAMU-82-0106	58	A
	SAME	Cameroon	Costa Rica TAMU-82-0111	55	A
Rhynchosteres silvestrii Wharton Hymenoptera Braconidae	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0044	4	A
	SAME	Cameroon	Costa Rica TAMU-82-0051	5	A
	SAME	Cameroon	Costa Rica TAMU-82-0060	114	A
	SAME	Cameroon	Costa Rica TAMU-82-0066	99	A
	SAME	Cameroon	Costa Rica TAMU-82-0068	6	A
	SAME	Cameroon	Costa Rica TAMU-82-0072	1	A
	SAME	Cameroon	Costa Rica TAMU-82-0077	93	A
	SAME	Cameroon	Costa Rica TAMU-82-0080	29	A

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Rhynchosteres silvestri Wharton Hymenoptera Braconidae	Trirhithrum coffeae Bezzi	Cameroon	Costa Rica TAMU-82-0089	124	A
	SAME	Cameroon	Costa Rica TAMU-82-0090	85	A
	SAME	Cameroon	Costa Rica TAMU-82-0098	108	A
	SAME	Cameroon	Costa Rica TAMU-82-0103	94	A
	SAME	Cameroon	Costa Rica TAMU-82-0107	98	A
	SAME	Cameroon	Costa Rica TAMU-82-0112	82	A
	SAME	Cameroon	Costa Rica TAMU-82-0115	110	A
Roptrocerus xylophagorum (Ratzeburg) Hymenoptera Torymidae	Ips spp.	USA-CA	Australia UCB-DLD-82-0011	90	C
	SAME	USA-GA NOTE: 135	Australia UGA-CWB-82-0001	?e	A,C
Steinernema carpocapsae (Weiser, 1955) Rhabditida Steinernematidae	Vitacea polistiformis (Harris)	USA-GA ("All"strain)	Canada UCDND-HKK-82-0002	?e	A,J
Strymon sp. Lepidoptera Lycaenidae	Lantana spp.	USA-HI	South Africa HDA-82-007B	1	A

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Thanasimus dubius (Fabricius) Coleoptera Cleridae	Dendroctonus frontalis Zimmermann southern pine beetle	USA-GA NOTE: 135	Australia UGA-CWB-82-0002	?e	A
Trichogramma exiguum Pinto and Platner Hymenoptera Trichogrammatidae	Heliothis virescens (Fabricius) tobacco budworm	USA-MS	USSR BIIL-ACFH-82-0018	100e	PHE
	SAME	USA-MD	France BIIL-ACFH-82-0022	100e	PHE
Trichogramma maidis Pintureau & Voegele Hymenoptera Trichogrammatidae	Pieris rapae (Linnaeus) imported cabbageworm	France	Netherlands BIIL-ACFH-82-0009	100	PHE
	SAME	France	Netherlands BIIL-ACFH-82-0049	400e	PHE
Trichogramma maltbyi Nagaraja &Nagarkatti Hymenoptera Trichogrammatidae	?	USA-TX	France BIIL-ACFH-82-0015	100e	PHE
Trichogramma marylandense Thorpe Hymenoptera Trichogrammatidae	Heliothis virescens (Fabricius) tobacco budworm	USA-MD	France BIIL-ACFH-82-0016	100e	PHE
Trichogramma minutum Riley Hymenoptera Trichogrammatidae	SAME	USA-MD	USSR BIIL-ACFH-82-0020	100e	PHE

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Trichogramma nubilale Ertle & Davis Hymenoptera Trichogrammatidae	Ostrinia nubilalis (Hübner) European corn borer	USA-DE	France BIIL-ACFH-82-0021	100e	PHE
Trichogramma pretiosum Riley Hymenoptera Trichogrammatidae	Heliothis sp.	USA-TX	USSR BIIL-ACFH-82-0019	100e	PHE
Trichogramma retorridum (Girault) Hymenoptera Trichogrammatidae	Heliothis virescens (Fabricius) tobacco budworm	USA-MD	France BIIL-ACFH-82-0017	100e	PHE
Trichosirocalus horridus (Panzer) Coleoptera Curculionidae	Carduus nutans Linnaeus musk thistle	USA-VA	Argentina VPI-LTK-82-0030	351	A
Trissolcus basalis (Wollaston) Hymenoptera Scelionidae	Nezara viridula (Linnaeus) southern green stink bug	USA-MS	Australia SRQF-WAJ-82-0003	1161	PHE
Typhlodromus occidentalis Nesbitt Parasitiformes Phytoseiidae	Tetranychus spp.	USA-WA, CA	Switzerland UCBB-MAH-82-0002	?e	A,N
	Tetranychus urticae Koch twospotted spider mite	USA-CA	Australia UCBB-MAH-82-1001	?e	A,N
Tytthus mundulus (Breddin) Heteroptera Miridae	Perkinsiella saccharicida Kirkaldy sugarcane delphacid	USA-HI	China (PRC) HDA-82-0003	?e	A

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Venturia canescens (Gravenhorst) Hymenoptera Ichneumonidae	?	Unknown	Canada SPIRDL-JWP-82-0001	?e	PHL
Verticillium lecanii (Zimmerman) Viegas Moniliales	Coccus viridis (Green) green scale	Sri Lanka	Israel IPRU-RAH-82-0012	?	CULT
	SAME	Sri Lanka	Brazil IPRU-RAH-82-0043	?	CULT
	Nilaparvata lugens (Stål) brown planthopper	Indonesia	United Kingdom IPRU-RAH-82-0072	?	CULT
Zoophthora occidentalis (Thaxter) Batko Entomophthorales Entomophthoraceae	Anoecia corni (Fabricius)	Switzerland	Australia IPRU-RAH-82-0056	?	CULT
Zoophthora phalloides Batko Entomophthorales Entomophthoraceae	Macrosiphum euphorbiae (Thomas) potato aphid	USA-ME	Australia IPRU-RAH-82-0048	?	CULT
	Macrosiphum sp.	France	Australia IPRU-RAH-82-0049	?	CULT
	Macrosiphum euphorbiae (Thomas) potato aphid	USA-ME	Australia IPRU-RAH-82-0054	?	CULT
Zoophthora phytonomi (Arthur) Batko Entomophthorales Entomophthoraceae	Hypera postica (Gyllenhal) alfalfa weevil	Israel	Brazil IPRU-RAH-82-0036	?	CULT

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Zoophthora radicans (Brefeld) Batko Entomophthorales Entomophthoraceae	Neodiprion tsugae Middleton hemlock sawfly	USA-AK	Canada IPRU-RAH-82-0015	?	CULT
	Choristoneura fumiferana (Clemens) spruce budworm	USA-ME	Canada IPRU-RAH-82-0016	?	CULT
	Empoasca sp.	Israel	Canada IPRU-RAH-82-0017	?	CULT
	Brachycaudus amygdalinus (Schouteden)	Israel	Canada IPRU-RAH-82-0018	?	CULT
	Therioaphis maculata (Buckton) spotted alfalfa aphid	Israel	Canada IPRU-RAH-82-0019	?	CULT
	Psyllid sp.	Canada-PQ	Canada IPRU-RAH-82-0020	?	CULT
	Choristoneura fumiferana (Clemens) spruce budworm	USA-ME	Canada IPRU-RAH-82-0021	?	CULT
	Insect sp.	Sweden	Canada IPRU-RAH-82-0022	?	CULT
	Therioaphis maculata (Buckton) spotted alfalfa aphid	USA-NY	Canada IPRU-RAH-82-0023	?	CULT
	Lepidoptera sp.	Switzerland	Canada IPRU-RAH-82-0024	?	CULT

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
Zoophthora radicans (Brefeld) Batko Entomophthorales Entomophthoraceae	Choristoneura fumiferana (Clemens) spruce budworm	Canada-ON	Canada IPRU-RAH-82-0025	?	CULT
	Empoasca sp.	Israel	Brazil IPRU-RAH-82-0032	?	CULT
	Choristoneura fumiferana (Clemens) spruce budworm	USA-ME	Brazil IPRU-RAH-82-0035	?	CULT
	Therioaphis maculata (Buckton) spotted alfalfa aphid	Israel	Australia IPRU-RAH-82-0053	?	CULT
	Neodiprion tsugae Middleton hemlock sawfly	USA-AK	Turkey IPRU-RAH-82-0059	?	CULT
Zoophthora sp. nr. radicans (Brefeld) Batko Entomophthorales Entomophthoraceae	Empoasca kraemeri Ross & Moore	Brazil	Australia IPRU-RAH-82-0055	?	CULT
granulosis virus Baculoviridae	Pieris rapae (Linnaeus) imported cabbageworm	?	China (PRC) SPIRL-PVV-82-0004	?	GIB
	Plodia interpunctella (Hübner) Indianmeal moth	USA-GA	China (PRC) SPIRL-PVV-82-0005	?	GIB
	Phthorimaea operculella (Zeller) potato tuberworm	Australia	China (PRC) SPIRL-PVV-82-0006	?	DHL

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
granulosis virus Baculoviridae	Plodia interpunctella (Hübner) Indianmeal moth	USA-GA	China (PRC) SPIRL-PVV-82-0009	?	GIB
nuclear polyhedrosis virus Baculoviridae	Lymantria dispar (Linnaeus) gypsy moth	(Internatl Standard)	USSR FSHCT-WEW-82-0004	?e	CULT
	Autographa californica (Speyer) alfalfa looper	USA-CA	China (PRC) IPL-EMD-82-0001	?	
	SAME	USA-CA	China (PRC) SPIRL-PVV-82-0001	?	PIB
	Trichoplusia ni (Hübner) cabbage looper	USA-CA	China (PRC) SPIRL-PVV-82-0002	?	PIB
	Helicoverpa zea (Boddie) corn earworm, bollworm	USA	China (PRC) SPIRL-PVV-82-0003	?	PIB
	Autographa californica (Speyer) alfalfa looper	USA-CA	China (PRC) SPIRL-PVV-82-0007	?	PIB
	Helicoverpa zea (Boddie) corn earworm, bollworm	USA	China (PRC) SPIRL-PVV-82-0008	?	PIB

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

Species Shipped - Genus, Species, Subspecies Author, Order, Family	Host/Prey at Collection Site Genus, Species, Subspecies Author, Common Name	Origin	Shipped to Country Shipper File Number	Shipped - Nos.	Stage(s)
pathogens of Russian knapweed	Centaurea repens Linnaeus Russian knapweed	Turkey	Canada BCWLE-82-0014	?e	DLV
	SAME	Turkey	Switzerland (1982+) BCWLE-82-0015	?e	DLV
pathogens of yellow starthistle	Centaurea solstitialis Linnaeus yellow starthistle	Greece	Switzerland (1982+) BCWLEGR-82-2002	?	SPORES

SECTION VII - SHIPMENTS OF BENEFICIAL ORGANISMS FROM U.S. AND TERRITORIAL FACILITIES TO FOREIGN COUNTRIES
Arranged Alphabetically by Genus-species of Organism Shipped

NOTES

135 Other species possibly shipped to Australia by UGA in 1982 were Coeloides pissodis (Ashmead) & Dendrosoter sulcatus Muesebeck. These & other natural enemies are reported as shipped by UGA from "late 1982" - 1986, but information on actual years each was shipped and other details are not available (see Berisford, C. W., & D. L. Dahlsten, pp. 81-93 in Kulhavy, D. L., & M. C. Miller, "Potential for Biological Control ... of Bark Beetles," Nacogdoches, TX, 1989).

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART A - Overseas Facilities and Explorers Involved, with Addresses

1. APL — Asian Parasite Laboratory, ARS, USDA c/o Forest Research Institute
Chongnyangni, Tongdaemun-gu Seoul 131 Republic of Korea (1982+)

2. APL-1981 — Asian Parasite Laboratory, ARS, USDA 32-7 Fukuzumi, 1-Jo 3-Chrome
Toyohira-ku Sapporo,Hokkaido 062 Japan (1975-1981)

3. APLC — Asian Parasite Laboratory, Cooperator Kochi Prefecture, Shikoku
Japan

4. BCWLE — Biological Control of Weeds Lab, Europe ARS, USDA
Via Gastone Monaldi, 34 Rome Italy

5. BCWLEGR — Biological Control of Weeds Lab, Europe Faculty of Agriculture, University Farm
University of Thessaloniki (ARS, USDA) Thessaloniki Greece

6. BCWLSA — Biological Control of Weeds Lab, So.Amer ARS, USDA
1559 South Bolivar Hurlingham 1686 Argentina

7. EPL — European Parasite Laboratory, ARS, USDA 47 rue des Fontenelles
Sevres 92310 France

8. EPLINRA — European Parasite Laboratory Cooperator c/o Inst Natl de Recherche Agronomique
Sta Rech de Lutte Biologique, La Miniere 78280 Guyancourt France

---

1. ?
Euverte, G

2. ALAU — Auburn University Department of Zoology-Entomology
Auburn University AL 36849 USA
Harper, J D

3. APL — Asian Parasite Laboratory, ARS, USDA c/o Forest Research Institute
Chongnyangni, Tongdaemun-gu Seoul 131 Korea, South (1982+)
Carlson, R W
Chung, K
Han, H Y
Han, H-Y
Ikebe, K
Lee, J-H
Suzuki, I

4. APLC — Asian Parasite Laboratory, Cooperator Kochi Prefecture, Shikoku
Japan
Inoue, T

5. ARINTA — Inst Nacional de Tecnologia Agropecuaria Departamento de Patologia Vegetal
C. C. 25 Castelar 1712 Argentina
Botto, E

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART A - Overseas Facilities and Explorers Involved, with Addresses

6. ARUNLP
Universidad Nacional de La Plata CEPAVE-UNLP
Calle 2, Nr 584 La Plata Buenos Aires 1900 Argentina
Liljestrohm, G
Rossi, G C

7. ASUQ
University of Queensland Department of Entomology
St Lucia Queensland Australia
Adams, G
Pyke, B
Stone, M

8. AUUG
University of Graz Zoological Institute
Graz Austria
Kaiser, H

9. BCIRL
Biological Control of Insects Res Lab ARS, USDA
Research Park, P.O. Box A Columbia MO 65205 USA
Puttler, B

10. BCWLE
Biological Control of Weeds Lab, Europe ARS, USDA
Via Gastone Monaldi, 34 Rome 00128 Italy
Campobasso, G
Clement, S L
Cristofaro, M
Dunn, P H
Hostettler, N
Mimmocchi, T
Pecora, P
Rizza, A
Spencer, N R
Stazi, M

11. BCWLEGR
Biological Control of Weeds Lab, Europe Faculty of Agriculture, University Farm
University of Thessaloniki (ARS, USDA) Thessaloniki Greece
Sobhian, R

12. BCWLSA
Biological Control of Weeds Lab, So.Amer ARS, USDA
1559 South Bolivar Hurlingham 1686 Argentina
Briano, J A
Cordo, H A
Ferrer, M
Ferrer, R

13. BCWRL
Biological Control of Weeds Research Lab ARS, USDA
1050 San Pablo Ave Albany CA 94706 USA
Andres, L A
Maddox, D M
Pemberton, R W
Rosenthal, S S

14. BIIL
Beneficial Insect Introduction Lab ARS, USDA
Bldg 417, BARC-East Beltsville MD 20705 USA
Schroder, R F W

15. BIRL
Beneficial Insects Research Laboratory ARS, USDA
501 South Chapel Street Newark DE 19713 USA
Schaefer, P W

16. BTINY
Boyce Thompson Institute Cornell University
Tower Road Ithaca NY 14853 USA
Roberts, D W

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART A - Overseas Facilities and Explorers Involved, with Addresses

17. CACRAB
Citrus Research Advisory Board
Los Angeles CA USA
Hardison, A

18. CAMABC
B.C. Ministry of Agriculture 162 Oriole Road
Kamloops BC V2C 4N7 Canada
Cranston, R S

19. CAMCPQ
McDonald Campus, McGill University Department of Plant Sciences
Ste Anne de Bellevue PQ H9X 1C0 Canada
Watson, A K

20. CAUGON
University of Guelph Department of Environmental Biology
Guelph ON N1G 2W1 Canada
Heraty, J M Laing, J E

21. CDARPS
Canada Dept Agr, Res Progr Services Sect Research Branch, Canada Agriculture
Central Experimental Farm Ottawa ON K1A OC6 Canada
Kelleher, J S

22. CDARSK
Canada Dept Agr, Research Station Research Branch, Canada Agriculture
Box 440 Regina SK S4P 3A2 Canada
Harris, P

23. CDAVBC
Canada Dept Agr, Research Station Research Branch, Agriculture Canada
6660 N W Marine Drive Vancouver BC V6T 1X2 Canada
Wilkinson, A T S

24. CFSTNS
Canadian Forestry Service Substation Maritimes Forest Research Centre
Box 667 Truro NS B2N 5E5 Canada
Marks, D B

25. CHCAAS
Chinese Academy of Agricultural Sciences Biological Control Laboratory
30, Bai Shi Qiao Road, West Suburbs Beijing China (PRC)
Bao, J Qiu, S Wang, Y
Wu, W Zheng, Y Zhu, J

26. CHGCRI
Guangxi Citrus Res. Inst.
Guilin, Guangxi Prov China (PRC)
Chen, Y

27. CHHAAS
Hubei Academy of Agricultural Sciences Institute for Plant Protection
Wuhan Hubei China (PRC)
Peng, Z

28. CHSCAC
South China Agricultural College Plant Protection Department
Guangzhou China (PRC)
Chen, S

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART A - Overseas Facilities and Explorers Involved, with Addresses

29. CIBCES — Commonwealth Inst of Biological Control European Station
1, Chemin des Grillons Delemont CH-2800 Switzerland
Carl, K P — Glanz, W D

30. CIBCESAU — Commonwealth Inst of Biological Control European Station, Austrian Substation
Inprugg 35 A-3040 Neulengbach Austria
Altenhofer, E — Heidecker, L

31. CIBCIS — Commonwealth Inst of Biological Control Indian Station, Post Bag 2484
Hebbal Agricultural Farm, P.O. Bangalore 560 024 India
? — Ramaseshiah, G

32. CIBCISDD — Dehra Dun Field Station, CIBCIS 281/3 Chukhuwala, Block 1
Dehra Dun 248011 Uttar Pradesh India
Krishnaswamy, S — Singh, N

33. CIBCISL — Ludhiana Field Station, CIBCIS Bharath Vaishnu Hotel
Chaura Bazaar Ludhiana 141008 Punjab India
Krishnaswamy, S

34. CIBCKS — Commonwealth Inst of Biological Control Kenya Station, c/o Kenya Agr Res Inst
P O Box 30148 Nairobi Kenya
Ingram, W R — Markham, R H

35. CIBCPS — Commonwealth Inst of Biological Control Pakistan Station (PARC-CIBC)
Murree Road, P. O. Box 8 Rawalpindi Pakistan
Ahmad, B — Cheema, M A — Hanif, M
Khan, A G — Mohyuddin, A I — Munawar, M S
Qazi, A S — Shah, S — Siddiqui, R K

36. CIBCWIS — Commonwealth Inst of Biological Control West Indian Station
Gordon Street Curepe, Trinidad Trinidad & Tobago
Bennett, F D — Cock, M J W

37. COCIAT — Centro Internacional de Agric Tropical Apartado Aereo 6713
Cali Colombia
Mantilla, C E

38. COICA — Instituto Colombiano Agropecuario Tibaitata
Apartado Aereo 151123, Eldorado Bogota Colombia
Lopez, A — Vasquez Romero, B

39. COICAP — Instituto Colombiano Agropecuario (ICA)
Palmira Colombia
Garcia, F

40. COMBI — Biosystems, Inc. 762 Highway 78
Loganville GA 30249 USA
Prakash, V

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART A - Overseas Facilities and Explorers Involved, with Addresses

41. COSASAFA Sanid Agropec Secr Agr Fomento Antioquia
Medellin Colombia
Urueta, E J

42. CSIROB Commonwealth Sci & Indus Res Org CSIRO Long Pocket Laboratories
Private Bag No. 3 Indooroop.,Brisbane Queensland 4068 Australia
Kassulke, R C Sands, D

43. CSIROM Commonwealth Sci & Indus Res Org CSIRO Biological Control Unit
335 Avenue Abbe Paul Parguel 34100 Montpellier France
Aeschlimann, J P

44. CSIROSL Commonwealth Sci & Indus Res Org CSIRO Cunningham Laboratory
Division of Tropical Crops & Grasses St. Lucia Queensland 4067 Australia
Lawn, R J

45. CTAES Connecticut Agr Expt Station Department of Entomology
123 Huntington Street, Box 1106 New Haven CT 06504 USA
Weseloh, R M

46. CUENSC Estacion Nacional de Sanidad de Citricos Ministerio de la Agricultura Autopista
Municipio Playo Cuba
Cabrera, R I

47. ECMA Ministry of Agriculture Programa Nac del Algodon y Oleaginosas
Apartado 5265 Guayaquil Ecuador
Paladines, C

48. ECUG University of Guayaquil Facultad de Ciencias Agrarias
Apartado 8488 Guayaquil Ecuador
Escobar, J

49. EGCU Cairo University Department of Economic Entomology
Faculty of Agriculture Giza Egypt
Rashad, S E

50. EGPPI Parasite Research Divison Plant Protection Institute, Agr Res Ctr
Ministry of Agriculture Dokki, Cairo Egypt
Ibrahim, A A

51. EGUM University of Menofia Faculty of Agriculture
Shebin El Kom Menofia Egypt
Osman, A A

52. EMBRAPAG EMBRAPA CNPAF
Goiania Goias Brazil
Edson-de-Araujo, F
Pereira Rios, G
Tanaka, Y
Ferreira, E
Pratagil, J G
Yokohama, M
Martins/Santos, S
Saraiva Teixeira, L
de Silva Carneiro, J

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART A - Overseas Facilities and Explorers Involved, with Addresses

53. EPL — European Parasite Laboratory, ARS, USDA 47 rue des Fontenelles
Sevres 92310 France
Blanchot, P; Chen, K H; Coutinot, D
Friedman, R; Gruber, F; Hedlund, R C
Hérard, F; Hoyer, H; Mercadier, G
Perkins, B D; Rey, E; Wajda, T

54. EPLINRA — European Parasite Laboratory Cooperator c/o Inst Natl de Recherche Agronomique
Sta Rech de Lutte Biologique, La Miniere 78280 Guyancourt France
Poprawski, T J; Soares, G G

55. FBCL — Florida Biological Control Laboratory Division of Plant Industry, FDACS
P.O. Box 1269 Gainesville FL 32602 USA
Bennett, C A

56. FRINRAA — Inst Natl de la Recherche Agronomique Station de Rech de Zool & de Lutte Biol
37, bd du Cap - B P 78 Antibes 06602 France
Voegele, J

57. FRINRAG — Inst Natl de la Recherche Agronomique Station de Rech de Lutte Biologique
La Miniere Guyancourt 78280 France
Marchal, M

58. FSHCT — Forest Insect and Disease Laboratory Northeastern Forest Experiment Station
Forest Service, USDA, 51 Mill Pond Road Hamden CT 06514 USA
Wallner, W E

59. GRA — 26 Gounaris St
Amaroussion Greece
Politis(Mrs), D J

60. HDA — Hawaii Department of Agriculture 1428 South King Street
Honolulu, Oahu HI 96814 USA
Burkhart, R M; Funasaki, G Y; Heu, R A
Murai, K T

61. HURIPP — Research Institute of Plant Protection Herman Otto u. 15
Budapest II - 1525 Hungary
Kozar, F

62. IIBIII — Insect Ident & Benef Insect Intro Inst ARS, USDA
Bldg. 003, BARC-West Beltsville MD 20705 USA
Knutson, L

63. INHS — Illinois Natural History Survey Division 607 East Peabody Drive
Champaign IL 61820 USA
Kogan, M

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART A - Overseas Facilities and Explorers Involved, with Addresses

64. IPL
Insect Pathology Laboratory ARS, USDA
Bldg 011A, BARC-WEST Beltsville MD 20705 USA
Clark, T B

65. IPRU
Insect Pathology Research Unit (& ARSEF) ARS, USDA
c/o Boyce Thompson Inst, Cornell Univ Ithaca NY 14853 USA
Humber, R A Soper, R S

66. ISTAU
Tel Aviv University Department of Zoology
Ramat-Aviv, 69 978 Tel Aviv Israel
Gerling, D

67. ISVCIPP
Volcani Center, Inst of Plant Protection Department of Entomology
P.O. Box 6 Bet Dagan 50-200 Israel
Blumberg, D

68. IT
Italy
Zanin, G

69. ITUSPA
Universita degli Studi di Palermo Istituto di Entomologia Agraria
Palermo (Sicily) Italy
Ragusa, S

70. JAAAES
Aomori Apple Experiment Station Entomology Section
Kuroishi City Aomori 036-03 Japan
Sekita, N

71. JACESS
Citrus Experiment Station 2712 Komagoe
Shimizu Shizuoka Pref Japan
Furuhashi, K

72. JAIPSS
Ibaraki Prefectural Sericulture Station Wakenuka Sekimoto, Sekijo-cho
Ibaraki Prefecture Makabe 308-01 Japan
Sakayori, K

73. JAKU
Kyushu University Division of Insect Natural Enemies
Institute of Biological Control Fukuoka 812, Kyushu Japan
Arakawa, R Murakami, Y

74. JAMAES
Miyazaki Agricultural Experiment Station
Miyazaki Kyushu Japan
Sakanoshita

75. JANFTES
Nagano Fruit Tree Experiment Station 492, Ogawara, Susaka, 382
Nagano, Honshu Japan
Kitamura, T

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART A - Overseas Facilities and Explorers Involved, with Addresses

76. JANIAS National Inst of Agricultural Sciences Divison of Entomology
Kannondai 3-1-1, Yatabe Tsukuba Ibaraki 305 Japan
Kiritani, K

77. JATAES Tokyo-to Agricultural Experiment Station 3-10 Fujimi-cho
Tachikawa Tokyo Japan
Kawai, S

78. JATNAES Tohoku Natl Agriculture Exp Station Entomological Laboratory
Akahira 4, Shimo-Kuriyagawa Morioka,Iwate 020-01 Japan
Maeta, Y

79. JAUOP University of Osaka Prefecture Entomological Lab, College of Agric
Mozuumemachi Sakai City Osaka 591 Japan
Nishida, E

80. LE
Lebanon
Kawar, N

81. MOINRAA Inst Natl de la Recherche Agronomique Experimental Station
Achouria-Jorf-Erfoud Morocco
Fahri, E Farhi, E Nguidi, A

82. MOINRAR Inst Natl de la Recherche Agronomique
Rabat Morocco
Saidi, S

83. MPMA Ministry of Agr., Nat. Res. & Environ. Entomology Division
Reduit Mauritius
Monty, J

84. MTSUC Montana State University Western Agricultural Research Center
531 N E Quast Lane Corvallis MT 59828 USA
Story, J M

85. MXCIMMYT Ctr Intn de Mejoramiento de Maiz y Trigo Lisboa 27, Apdo Postal 6-641
Col. Juarez, Deleg. Cuauhtemoc Mexico City 06600 Distr. Fed. Mexico
Mihm, J A

86. MXINIA Instituto Nacional de Investig Agricolas Apartados 6-882 y 6-883
Mexico City 6 Distr Federal Mexico
Carrillo, J L

87. MYRRC Rice Research Center, MARDI Kepala Batas, Pulau Pinang
Bumbong Lima Pinang Malaysia
Chang, P-M

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART A - Overseas Facilities and Explorers Involved, with Addresses

88. NGIRL
Northern Grain Insects Research Lab ARS, USDA
RR 3 Brookings SD 57006 USA
Branson, T F Krysan, J L

89. NJRU
Rutgers University, Cook College Dept of Entomology & Economic Zoology
State University of New Jersey New Brunswick NJ 08903 USA
Lashomb, J H

90. NO
Norway
Hagvar, E

91. NYAESG
New York State Agr Experiment Station
Geneva NY 14456 USA
Riedl, H

92. NZDSIRN
Dept Sci & Indust Res - Entomology Div Nelson Station
Goddards Lane, Havelock North Hawkes Bay New Zealand
Wearing, C H

93. OARDC
Ohio Agricultural Res & Development Ctr Department of Entomology
Ohio State University Wooster OH 44691 USA
Rubink, W L

94. PABFB
Pennsylvania Bureau of Forestry, DER Division of Forest Pest Management
P.O. Box 61 Blain PA 17006 USA
Ticehurst, M

95. PDRL
Plant Disease Research Laboratory ARS, USDA
P.O. Box 1209 Frederick MD 21701 USA
Emge, R G Politis, D J Turner, S K

96. PEUNSA
Universidad Nacional de San Antonio Abad del Cuzco
Apartado 607, Correo Centro Cuzco Peru
Arestegui, A

97. SCCU
Clemson University Dept. Entomology, Fisheries & Wildlife
Clemson SC 29631 USA
Carner, G R Shepard, B M

98. SCCUE
Clemson University Edisto Experiment Station
P.O. Box 247 Blackville SC 29817 USA
Turnipseed, S G

99. SFCIML
Southern Field Crop Insect Managemnt Lab ARS, USDA
Delta States Research Ctr, P O Box 225 Stoneville MS 38776 USA
Jones, W A

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART A - Overseas Facilities and Explorers Involved, with Addresses

100. SFPPRIP Plant Protection Research Institute Department of Agriculture & Fisheries
Agr Bldgs, Beatrix St, Private Bag X134 Pretoria South Africa
Hamburg, H V

101. SFPPRIS Plant Protection Research Institute Winter Rainfall Region
Department of Agriculture & Fisheries Stellenbosch South Africa
Neser, S

102. SFUNWRI Wattle Research Institute University of Natal
P. O. Box 375, 3200 Pietermaritzburg South Africa
Borthwick, R B

103. SPINIAC Inst Nac de Investigaciones Agrarias I.N.I.A., C.R.I.D.A.
Apartado de Correos 240 Cordoba 14080 Spain
Vargas, P

104. SPINIAV Inst Nac de Investigaciones Agrarias Centro Reg Lab de Inv y Desarollo Agr 5
Crida 05, Apartado 733 Valladolid Spain
Asensio, E

105. SZETH Eidgenossiche Technische Hochschule Institut fur Phytomedizin
Zentrum/LFW Zurich CH8092 Switzerland
Schubiges, F X Sedlar, L Vonmoos, R

106. SZFLP Forschungsanstalt fur Landw. Pflanzenbau Reckenholzstrasse 191/211
Zurich 8045 Switzerland
Keller, S

107. TAMU Texas A&M University Department of Entomology
College Station TX 77843 USA
Cate, J R Cocke, W M Krauter, P C
Smith, J W Stansly, P A Steck, G J
Williams, D W

108. TAMUD Texas A&M University Res & Ext Ctr Research and Extension Center at Dallas
17360 Coit Road Dallas TX 75252 USA
Schuster, M F

109. TFVRL Tropical Fruit & Vegetable Res Lab ARS, USDA
P O Box 2280 Honolulu HI 96804 USA
Wong, T T Y

110. THDA Department of Agriculture Entomology and Zoology Division
Bangkok 9 Thailand
Supharngkasen, P

111. THKKU Khon Kaen University Department of Plant Protection
Khon Kaen Thailand
Kiratikasikorn, M

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART A - Overseas Facilities and Explorers Involved, with Addresses

112. THKU
Kasetsart University P.O. Box 9-52
Bangkok 10900 Thailand
Napompeth, B

113. TU
Turkey
Ercis, A

114. UAR
University of Arkansas Department of Entomology
Fayetteville AR 72701 USA
Yearian, W C

115. UARP
University of Arkansas Department of Plant Pathology
Fayetteville AR 72701 USA
TeBeest, D O

116. UCB
University of California, Berkeley Division of Biological Control
Department of Entomology Albany CA 94706 USA
Brown, M
Caltagirone, L E
Dahlsten, D L
Kennett, C E
Tassan, R L
Vandenberg, N J

117. UCD
University of California, Davis Department of Entomology
Davis CA 95616 USA
Ehler, L E
Endicott, P C

118. UCR
University of California, Riverside Division of Biological Control
Department of Entomology Riverside CA 92521 USA
Badii, M
DeBach, P
Gonzalez, D
Gordh, G
Legner, E F
McMurtry, J A
Moraes, G J
Oatman, E R
Rose, M J
Unruh, T R

119. UFFL
University of Florida Agricultural Research & Education Center
3205 SW College Ave Fort Lauderdale FL 33314 USA
Balciunas, J K
Minno, M C
Reinert, J A

120. UFG
University of Florida Department of Entomology & Nematology
Gainesville FL 32611 USA
Castner, J L
Habeck, D H
Sailer, R I

121. UFH
University of Florida Tropical Agr Research & Education Center
18905 SW 280 Street Homestead FL 33031 USA
Baranowski, R M
Waddill, V H

122. UHI
University of Hawaii Department of Entomology
Honolulu HI 96822 USA
Beardsley, J W

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART A - Overseas Facilities and Explorers Involved, with Addresses

123. UMD University of Maryland Department of Entomology
College Park MD 20740 USA
Arestegui, A Giron, A

124. URAIPQ All-Union Institute for Plant Quarantine Ministry of Agriculture
Orlikov per. 1/11 Moscow 107139 USSR
Buleza, V V Jershova, N I Kravchenko, M A
Kusnetsov, V N Kuznetzov, V N Maximowa, W I

125. URI University of Rhode Island Department of Plant Pathology-Entomology
Kingston RI 02881 USA
Casagrande, R A Drummond, F Logan, P A

126. URZI Zoological Institute USSR Academy of Sciences
Leningrad 199164 USSR
Kovalev, O V

127. USHRL U.S. Horticultural Research Laboratory ARS, USDA
2120 Camden Road Orlando FL 32803 USA
Schroeder, W J Sutton, R A

128. UTSU Utah State University Dept. of Biology
Logan UT 84322 USA
Hsiao, T H

129. VPI Virginia Polytechnic Inst & State Univ Department of Entomology
Blacksburg VA 24061 USA
Kosztarab, M

130. VTERL Veterinary Toxicology & Entomol Res Lab ARS, USDA
P. O. Drawer GE College Station TX 77841 USA
Fincher, G T

131. YARL Yakima Agricultural Research Laboratory ARS, USDA
3706 West Nob Hill Blvd Yakima WA 98902 USA
Chauvin, R

132. YOIACKR Inst Adriatic Cult & Karst Reclamation Department of Plant Protection
Split Yugoslavia
Tominic, A

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL - 1982

PART B - Quarantine Facilities, Listed Alphabetically by acronynm, with Addresses and Quarantine Officers

1.	BBSL	Bee Biology and Systematics Lab ARS, USDA Utah State University Logan UT 84322 USA	D. F. Viers, Quarantine Officer
2.	BCIRL	Biological Control of Insects Res Lab ARS, USDA Research Park, P.O. Box A Columbia MO 65205 USA	B. Puttler, Quarantine Officer
3.	BCWRL	Biological Control of Weeds Research Lab ARS, USDA 1050 San Pablo Ave Albany CA 94706 USA	A. H. Krueger, Quarantine Officer
4.	BIIL-PPQ	Plant Germplasm Quarantine Center APHIS-PPQ, USDA (c/o BIIL) Bldg. 320, BARC-East Beltsville MD 20705 USA	
5.	BIRL	Beneficial Insects Research Laboratory ARS, USDA 501 South Chapel Street Newark DE 19713 USA	L. R. Ertle, Quarantine Officer
6.	FBCL	Florida Biological Control Laboratory Division of Plant Industry, FDACS P.O. Box 1269 Gainesville FL 32602 USA	C. A. Bennett, Quarantine Officer
7.	GSWRL	Grassland, Soil and Water Research Lab ARS, USDA P.O. Box 748 Temple TX 76501 USA	P. E. Boldt, Quarantine Officer
8.	HDA	Hawaii Department of Agriculture 1428 South King Street Honolulu, Oahu HI 96814 USA	G. Y. Funasaki, Quarantine Officer
9.	IPRU	Insect Pathology Research Unit (& ARSEF) ARS, USDA c/o Boyce Thompson Inst, Cornell Univ Ithaca NY 14853 USA	R. A. Humber, Quarantine Officer
10.	PDRL	Plant Disease Research Laboratory ARS, USDA P.O. Box 1209 Frederick MD 21701 USA	W. L. Bruckart, Quarantine Officer
11.	SRQF	Stoneville Research Quarantine Facility ARS, USDA P.O. Box 225 Stoneville MS 38776 USA	J. E. Powell/W. W. Harrison, Quarantine Officers
12.	TAMU 1/	Texas A&M University Department of Entomology College Station TX 77843 USA	W. A. Wharton/J. P. Cuda, Quarantine Officers
13.	UCB	University of California, Berkeley Division of Biological Control Department of Entomology Albany CA 94706 USA	J. Hamai, Quarantine Officer
14.	UCD	University of California, Davis Department of Entomology Davis CA 95616 USA	L. E. Ehler, Quarantine Officer
15.	UCR	University of California, Riverside Division of Biological Control Department of Entomology Riverside CA 92521 USA	M. E. Badgley, Quarantine Officer
16.	UFGPPD	Plant Pathology Department University of Florida Gainesville FL 32611 USA	R. Charudattan, Quarantine Officer

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL - 1982

PART B - Quarantine Facilities, Listed Alphabetically by acronynm, with Addresses and Quarantine Officers

17. VPI	Virginia Polytechnic Inst & State Univ Department of Entomology Blacksburg VA 24061 USA	L. T. Kok, Quarantine Officer
18. VTERL	Veterinary Toxicology & Entomol Res Lab ARS, USDA P. O. Drawer GE College Station TX 77841 USA	R. R. Blume/G. T. Fincher, Quarantine Officers

1/ Records in the ROBO database for importations, consignments and shipments from quarantine, and non-quarantine shipments and field releases for this facility are incomplete.

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART C - Identifiers Assisting in Determination of Species Released, with their Affiliations and Locations

1	AEI	American Entomological Institute Ann Arbor MI USA			
		Townes, H			
2	APL	Asian Parasite Laboratory, ARS, USDA Sapporo,Hokkaido 062 Japan			
		Schaefer, P W			
3	APML	Aquatic Plant Management Laboratory Fort Lauderdale FL USA			
		Center, T D			
4	AUUG	University of Graz Graz Austria			
		Kaiser, H			
5	AWCRL	Aquatic Weeds Control Research Lab Davis CA USA			
		Anderson, L W			
6	BBSL	Bee Biology and Systematics Lab Logan UT USA			
		Parker, F D	Torchio, P F		
7	BCIL	Biological Control of Insects Laboratory Tucson AZ USA			
		Debolt, J W			
8	BCIRL	Biological Control of Insects Res Lab Columbia MO USA			
		Puttler, B			
9	BCWLE	Biological Control of Weeds Lab, Europe Rome Italy			
		Rizza, A			
10	BCWRL	Biological Control of Weeds Research Lab Albany CA USA			
		Andres, L A	Dunn, P H	Johnson, G R	
		Krueger, A H	Maddox, D M	Mayfield, A	
		Pemberton, R W			
11	BEL	Boyden Entomology Laboratory Riverside CA USA			
		Tanigoshi, L K			
12	BIIL	Beneficial Insect Introduction Lab Beltsville MD USA			
		Batra, S W T	Hung, A C F	Schroder, R F W	
13	BIRL	Beneficial Insects Research Laboratory Newark DE USA			
		Angalet, G W	Dysart, R J	Ertle, L R	
		Fuester, R W	Hendrickson, R M	Schaefer, P W	
		Swan, K S	Taylor, P B	Tropp, J M	
14	BPBM	Bernice P Bishop Museum Honolulu HI USA			
		Goff, M L			

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART C - Identifiers Assisting in Determination of Species Released, with their Affiliations and Locations

15 BPCRU Biological Pest Control Research Unit Gainesville FL USA
Buckingham, G R

16 CABCSP Biological Control Services Program Sacramento CA USA
Bezark, L G Casanave, K A Joley, D B
Villegas, B

17 CAUGON University of Guelph Guelph ON N1G 2W1 Canada
Heraty, J M

18 CDABRI Biosystematics Research Institute Ottawa ON K1A 0C6 Canada
Yoshimoto, C M

19 CDAOON Ottawa Research Sta, Canada Agriculture Ottawa ON K1A 0C6 Canada
Loan, C C

20 CEJFL U.S. Army Corps of Engineers District Jacksonville FL USA
Dupes, J M

21 CEVMS U.S. Army Corps of Engineers Vicksburg MS USA
Cofrancesco, A F

22 CFSSSMON Canadian Forestry Service Sault Ste. Marie ON P6A 5M7 Canada
Lyons, L A

23 CIBCIS Commonwealth Inst of Biological Control Bangalore 560 024 India
Ramaseshiah, G

24 CIBCPS Commonwealth Inst of Biological Control Rawalpindi Pakistan
Siddiqui, R K

25 CIE Commonwealth Institute of Entomology London SW7 5JR UK
Subba Rao, B R

26 CIRLTX Cotton Insects Research Laboratory College Station TX USA
Morrison, R K

27 CODA Colorado Department of Agriculture Palisade CO USA
Mowrer, K E Nees, D M Stahl, F J

28 COLL X ? MT USA
X, X

29 COMJJHNE J J Holmes Arcadia NE USA
Holmes, J J

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART C - Identifiers Assisting in Determination of Species Released, with their Affiliations and Locations

30	CSIROC	Commonwealth Sci & Indus Res Org Canberra City A C T Australia McInnes, R S			
31	CTAES	Connecticut Agr. Expt. Station New Haven CT USA Weseloh, R M			
32	EPL	European Parasite Laboratory, ARS, USDA Sevres 92310 France Gruber, F			
33	FBCL	Florida Biological Control Laboratory Gainesville FL USA Bennett, C A			
34	FNCL	Florist & Nursery Crops Laboratory Beltsville MD USA Rivnay, T			
35	FSCOR	Forestry Sciences Laboratory Corvallis OR USA Ryan, R B			
36	FSHCT	Forest Insect and Disease Laboratory Hamden CT USA Wallner, W E			
37	FSPOR	Forest Pest Management, Pacific NW Reg. Portland OR USA Pettinger, L F			
38	FSRTPNC	Forestry Sciences Laboratory Research Triangle Pk NC USA Drooz, A T			
39	GUUG	University of Guam Mangilao GU Guam-USA Nechols, J R			
40	HDA	Hawaii Department of Agriculture Honolulu, Oahu HI USA Conant, P Lai, P Y Teramoto, K K	Funasaki, G Y Murai, K T	Kumashiro, B R Otsuka, C K	
41	HDAH	Hawaii Department of Agriculture Hilo, Hawaii HI USA Yoshioka, E R			
42	HDAK	Hawaii Department of Agriculture Lihue, Kauai HI USA Sugawa, D T			
43	HDAM	Hawaii Department of Agriculture Kahului, Maui HI USA Miyahira, N			
44	HNHM	Hungarian Natural History Museum Budapest Hungary Endrody, S			

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART C - Identifiers Assisting in Determination of Species Released, with their Affiliations and Locations

45	IAMARL	Insects Affecting Man & Animals Res Lab Gainesville FL USA Morgan, P B			
46	INPU	Purdue University West Lafayette IN USA Flanders, R V			
47	JANFTES	Nagano Fruit Tree Experiment Station Nagano, Honshu Japan Kitamura, T			
48	LSU	Louisiana State University Baton Rouge LA USA Boethel, D J			
49	MDDA	Maryland Department of Agriculture College Park MD USA Cantwell, M A	Tichenor, R H		
50	MODA	Missouri Department of Agriculture Jefferson City MO USA Puttler, B			
51	MTSUC	Montana State University Corvallis MT USA Story, J M			
52	NCDA	North Carolina Department of Agriculture Raleigh NC USA Nalepa, C A			
53	NHDA	New Hampshire Department of Agriculture Concord NH USA Durkis, T J			
54	NJDA	New Jersey Department of Agriculture Trenton NJ USA Chianese, R J	Garrison, G	Palmer, D J	
55	NL	Nematology Laboratory Beltsville MD USA Nickle, W R			
56	OHSU	Ohio State University Columbus OH USA Johnson, N F			
57	OKSU	Oklahoma State University Stillwater OK USA Eikenbary, R D			
58	ORDA	Oregon Department of Agriculture Salem OR USA Hawkes, R B			
59	PABF	Pennsylvania Bureau of Forestry, DER Middletown PA USA Fusco, R A	Quimby, J W		

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART C - Identifiers Assisting in Determination of Species Released, with their Affiliations and Locations

60	PPQBMD	APHIS, PPQ, Cooperative Mexican Bean Beltsville MD USA			
		Smith, H T			
61	PPQMTX	National Biological Control Center Mission TX USA			
		Wendel, L E			
62	PPQNMI	Biological Control Satellite Facility Niles MI USA			
		Burger, T L	Montgomery, V E		
63	PPQOMA	Otis Methods Development Center Otis ANGB MA USA			
		Forrester, O T			
64	RIL	Rangeland Insect Laboratory, ARS, USDA Bozeman MT USA			
		Rees, N E			
65	SCCUE	Clemson University Blackville SC USA			
		McCutcheon, G S	Turnipseed, S G		
66	SEL	Systematic Entomology Laboratory Beltsville MD USA			
		Burks, B D	Carlson, R W	Gagné, R J	
		Gordon, R D	Grissell, E E	Henry, T J	
		Marsh, P M	Menke, A S	Sabrosky, C W	
		Schauff, M E	Shaw, S R	Smiley, R L	
		White, R E	Wirth, W W		
67	SFCIML	Southern Field Crop Insect Managemnt Lab Stoneville MS USA			
		Jones, W A			
68	SRQF	Stoneville Research Quarantine Facility Stoneville MS USA			
		Powell, J E			
69	TAMU	Texas A&M University College Station TX USA			
		Cate, J R	Smith, J W	Wharton, R A	
70	TFVRL	Tropical Fruit & Vegetable Res Lab Honolulu HI USA			
		Wong, T T Y			
71	THKU	Kasetsart University Bangkok 10900 Thailand			
		Napompeth, B			
72	UCB	University of California, Berkeley Albany CA USA			
		Caltagirone, L E	Dahlsten, D L	Hagen, K S	
		Riedl, H			
73	UCBB	University of California, Berkeley Berkeley CA USA			
		Hoy, M A			

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART C - Identifiers Assisting in Determination of Species Released, with their Affiliations and Locations

74	UCD	University of California, Davis Davis CA USA			
		Ehler, L E			
75	UCR	University of California, Riverside Riverside CA USA			
		Federici, B A	Fisher, T W	Goeden, R D	
		Gordh, G	Legner, E F	Luck, R F	
		McMurtry, J A	Oatman, E R	Rose, M J	
76	UFG	University of Florida Gainesville FL USA			
		Munir, B	Sailer, R I		
77	UFH	University of Florida Homestead FL USA			
		Waddill, V H			
78	UHI	University of Hawaii Honolulu HI USA			
		Haramoto, F H			
79	UID	University of Idaho Moscow ID USA			
		O'Keeffe, L E			
80	UMO	University of Missouri Columbia MO USA			
		Kirkland, R L			
81	UNH	University of New Hampshire Durham NH USA			
		Reeves, R M			
82	UWI	University of Wisconsin Madison WI USA			
		Coppel, H C			
83	VADACS	VA Dept. of Agric. and Consumer Services Richmond VA USA			
		Tate, J R			
84	VADACSVB	Virgina Dept. Agr. & Consumer Services Virginia Beach VA USA			
		Craun, D W	Good, T M	Hayes, B A	
85	VPI	Virginia Polytechnic Inst & State Univ Blacksburg VA USA			
		Kok, L T	McAvoy, T		
86	VTERL	Veterinary Toxicology & Entomol Res Lab College Station TX USA			
		Blume, R R	Fincher, G T		
87	WASU	Washington State University Pullman WA USA			
		Piper, G L			
88	WASUP	Washington State University Prosser WA USA			
		Pike, K S			

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART C - Identifiers Assisting in Determination of Species Released, with their Affiliations and Locations

89	WCRL	Western Cotton Research Laboratory	Phoenix	AZ	USA
		Butler, G D			
90	WIDNR	Wisconsin Dept of Natural Resources	Fitchburg	WI	USA
		Hall, D J			
91	WVDA	West Virginia Department of Agriculture	Inwood	WV	USA
		Mason, T L			
92	YARL	Yakima Agricultural Research Laboratory	Yakima	WA	USA
		Fye, R E			

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

1. ?
Euverte, G

2. AAAA
Adams, A

3. AEI
American Entomological Institute 5950 Warren Road
Ann Arbor MI 48105 USA
Gupta, V
Townes, H

4. ALAU
Auburn University Department of Zoology-Entomology
Auburn University AL 36849 USA
Harper, J D

5. APL
Asian Parasite Laboratory, ARS, USDA c/o Forest Research Institute
Chongnyangni, Tongdaemun-gu Seoul 131 Republic of Korea
Carlson, R W
Chung, K
Han, H Y
Ikebe, K

6. APML
Aquatic Plant Management Laboratory ARS, USDA
3205 S W 70th Avenue Fort Lauderdale FL 33314 USA
Center, T D

7. ARINTA
Inst Nacional de Tecnologia Agropecuaria Departamento de Patologia Vegetal
C. C. 25 Castelar 1712 Argentina
Crouzel, I S
Enrique, A E

8. ARUNLP
Universidad Nacional de La Plata CEPAVE-UNLP
Calle 2, Nr 584 La Plata Buenos Aires 1900 Argentina
Liljestrohm, G
Rossi, G C

9. ASAMRU
Army Malaria Research Unit
Ingleburn, Sydney New South Wales Australia
Sweeney, A W

10. ASPRI
Plant Research Institute Swan Street
Burnley Victoria Australia
Gagen, S

11. ASQDL
Queensland State Department of Lands Alan Fletcher Research Station
27 Magazine Street, P O Box 86 Sherwood, Brisbane Queensland 4075 Australia
Tomley, A J

12. ASQDPI
Queensland Dept of Primary Industries Meiers Road, Indooroopilly
Brisbane Queensland 4068 Australia
Turner, J W

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

13. ASUQ
University of Queensland Department of Entomology
St Lucia Queensland Australia
Adams, G | Pyke, B | Stone, M

14. ASVDA
Victoria Department of Agriculture
Melbourne Victoria Australia
Field, R

15. ASWARI
Waite Agricultural Research Institute University of Adelaide
Adelaide South Australia Australia
Morgan, F D

16. AWCRL
Aquatic Weeds Control Research Lab ARS, USDA
Robbins Hall, University of California Davis CA 95616 USA
Anderson, L W

17. BBBB
Baker, B

18. BBSL
Bee Biology and Systematics Lab ARS, USDA
Utah State University Logan UT 84322 USA
Parker, F D | Torchio, P F | Viers, D F

19. BCIL
Biological Control of Insects Laboratory ARS, USDA
2000 East Allen Road Tucson AZ 85719 USA
Debolt, J W | Graham, H M

20. BCIRL
Biological Control of Insects Res Lab ARS, USDA
Research Park, P.O. Box A Columbia MO 65205 USA
Biever, K D | Long, S H | Puttler, B

21. BCWLE
Biological Control of Weeds Lab, Europe ARS, USDA
Via Gastone Monaldi, 34 Rome 00128 Italy
Clement, S L | Dunn, P H | Pecora, P
Rizza, A

22. BCWLEGR
Biological Control of Weeds Lab, Europe Faculty of Agriculture, University Farm
University of Thessaloniki (ARS, USDA) Thessaloniki Greece
Sobhian, R

23. BCWLSA
Biological Control of Weeds Lab, So.Amer ARS, USDA
1559 South Bolivar Hurlingham 1686 Argentina
Briano, J A | Cordo, H A | Ferrer, R

24. BCWRL
Biological Control of Weeds Research Lab ARS, USDA
1050 San Pablo Ave Albany CA 94706 USA
Andres, L A | Johnson, G R | Krueger, A H
Maddox, D M | Mayfield, A | Pemberton, R W
Rosenthal, S S | Roy, J P | Turner, C E

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

25. BIAFWWY Bureau of Indian Affairs, USDI Indian River Indian Reservatio
Fort Washakie WY 82514 USA
Beneder, L

26. BIIL Beneficial Insect Introduction Lab ARS, USDA
Bldg 417, BARC-East Beltsville MD 20705 USA
Athanas, M M
Hung, A C F
Sidor, A M
Vincent, D L
Batra, S W T
Norden, B M
Strachan, J L
Hight, S D
Schroder, R F W
Thorpe, K W

27. BIRL Beneficial Insects Research Laboratory ARS, USDA
501 South Chapel Street Newark DE 19713 USA
Barth, S E
Cox, L R
Ertle, L R
Hendrickson, R M
Short, J A
Tropp, J M
Bingham, R G
Day, W H
Fuester, R W
Morrone, V L
Swan, K S
Carr, M Y
Dysart, R J
Groce, J C
Schaefer, P W
Taylor, P B

28. BLCIMCA Ctro de Inv y Mejor de la Cana de Azucar (CIMCA)
Casilla 2731 Santa Cruz de/Sierra Bolivia
Pruett, C J H

29. BLMBID Bureau of Land Management, USDI Federal Bldg
Boise ID 83724 USA
Madenford, G

30. BLMDMT Bureau of Land Management, USDI Dillon Resource Area
Dillon MT 59725 USA
Cosgriffe, H R

31. BLMHUT Bureau of Land Management, USDI Box 99
Hanksville UT 84734 USA
Sip, L

32. BLMSLCUT Bureau of Land Management, USDI 136 East South Temple
University Club Bldg Salt Lake City UT 84111 USA
Page, R

33. BMNH British Museum (Natural History) Cromwell Road
London SW7 5B1 UK
Noyes, J S

34. BPBM Bernice P Bishop Museum 1525 Bernice Street
Honolulu HI 96818 USA
Goff, M L

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

35. BPCRU
Biological Pest Control Research Unit ARS, USDA
1911 SW 34th Street, P.O. Box 1269 Gainesville FL 32602 USA
Buckingham, G R
Campfield, B
Passoa, S K

36. BR
?
Brazil
Moraes, G S

37. BRESALQ
Escuela Sup de Agricoltura Luis Queiroz
Piracicaba Sao Paulo Brazil
Berti, E

38. BRUFP
Universidade Federal do Parana
Caixa Brazil
Marioni, R

39. BTINY
Boyce Thompson Institute Cornell University
Tower Road Ithaca NY 14853 USA
Daoust, R A
McCabe, D E
Roberts, D W

40. CA
?
Canada
Degroot, P

41. CABCA
Ghirrardelli, A

42. CABCDA
Butte County Dept of Agriculture 316 Nelson Ave
P O Box 1229 Oroville CA 95965 USA
Beneke, A
Dodd, R
Mattoon, S
Riley, H

43. CABCSP
Biological Control Services Program California Dept of Food and Agriculture
3288 Meadowview Road Sacramento CA 95832 USA
Bezark, L G
Casanave, K A
Esser, T
Halstead, J
Hunter, C D
Joley, D B
Luna, G
Rey, E
Supkoff, D M
Villegas, B
Waller, J

44. CABFON
Burland Farms, Ltd P.O. Box 5
Campbellville ON L0P 1B0 Canada
Goutouski, B

45. CACRAB
Citrus Research Advisory Board
Los Angeles CA USA
Hardison, A

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

46. CADFADPI California Dept of Foor & Agriculture Division of Plant Industry
1220 N St Sacramento CA 95814 USA
Gill, R

47. CADUNS Dalhousie University Department of Microbiology
Sir Charles Tupper Medical Building Halifax NS B3K 5M2 Canada
Stoltz, D B

48. CAFCPD Fillmore Citrus Protection District
Fillmore CA 93015 USA
Farrar, C

49. CAKCDA Kern County Dept of Agriculture 2610 M St
Bakersfield CA 93302 USA
Poore, D

50. CAMCDA Mariposa County Dept of Agriculture P O Box 905
Mariposa CA 95338 USA
Parker, C

51. CAMCPQ McDonald Campus, McGill University Department of Plant Sciences
Ste Anne de Bellevue PQ H9X 1C0 Canada
Watson, A K

52. CAMCPQE McDonald Campus, McGill University Department of Entomology
Ste Anne de Bellevue PQ H9X 1C0 Canada
Gordon, D M

53. CASCDA Stanislaus County Dept of Agriculture 725 County Center Three Ct
Modesto CA 95355 USA
Beebout, G

54. CAUGON University of Guelph Department of Environmental Biology
Guelph ON N1G 2W1 Canada
Heraty, J M Laing, J E

55. CAVCDA Ventura County Dept of Agriculture 815 Santa Barbara St (Agricultural Bldg)
P O Box 889 Santa Paula CA 93060 USA
Runkle, D

56. CDABRI Biosystematics Research Institute Research Branch, Agriculture Canada
Central Experimental Farm Ottawa ON K1A 0C6 Canada
Masner, L Yoshimoto, C M

57. CDAHON Canada Dept Agr, Research Station Agriculture Canada
P O Box 370 Harrow ON N0R 1G0 Canada
Ben-Ze'ev, I

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

58. CDARPS Canada Dept Agr, Res Progr Services Sect Research Branch, Canada Agriculture
Central Experimental Farm Ottawa ON K1A OC6 Canada
Kelleher, J S Williamson, G D

59. CDARSK Canada Dept Agr, Research Station Research Branch, Canada Agriculture
Box 440 Regina SK S4P 3A2 Canada
Harris, P

60. CDAVBC Canada Dept Agr, Research Station Research Branch, Agriculture Canada
6660 N W Marine Drive Vancouver BC V6T 1X2 Canada
Wilkinson, A T S

61. CDAWMB Canada Dept Agr, Research Station Research Branch, Canada Agriculture
195 Dafoe Road Winnipeg MB R3T 2M9 Canada
Morris, O N

62. CE ?
Sri Lanka
Kanagaratnam, P

63. CECSC U.S. Army Corps of Engineers District P.O. Box 919
Charleston SC 29402 USA
Carothers, J L

64. CEJFL U.S. Army Corps of Engineers District Aquatic Plant Operations Support Center
P.O. Box 4970 Jacksonville FL 32232 USA
Dupes, J M

65. CEMAL U.S. Army Corps of Engineers District P.O. Box 2288
Mobile AL 36628 USA
Eubanks, M J

66. CEODPSD U.S. Army Corps of Engineers-Omaha Distr South Dakota Area
P O Box 997 Pierre SD 57501 USA
Shea, M

67. CEONE U.S. Army Corps of Engineers 2718 North 123rd Circle
Omaha NE 68164 USA
Dunwoody, D

68. CEPSD U.S. Army Corps of Engineers Recreation Resource Branch
Pickstown SD 57364 USA
Daum, D

69. CEVMS U.S. Army Corps of Engineers Waterways Experiment Station
P.O. Box 631 Vicksburg MS 39180 USA
Cofrancesco, A F Stewart, R M

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

70. CFSSSMON Canadian Forestry Service Great Lakes Forestry Centre
P.O. Box 490 Sault Ste. Marie ON P6A 5M7 Canada
Perry, D F Tyrrell, D

71. CH ?
China (PRC)
Li, H-K

72. CHCAAS Chinese Academy of Agricultural Sciences Biological Control Laboratory
30, Bai Shi Qiao Road, West Suburbs Beijing China (PRC)
Qiu, S Wu, W Zheng, Y
Zhu, J

73. CHGIE Guangdong Institute of Entomology
Guangzhou Guangdong Prov China (PRC)
Li, L

74. CHHIM Institute of Microbiology
Jingzhou District Hubei Prov China (PRC)
Zhou, L

75. CHHIV Institute of Virology Chinese Academy of Sciences (CAS)
Wuhan Hubei Prov China (PRC)
Tsai, N Zhang, K

76. CHIZ Institute of Zoology Chinese Academy of Sciences
Beijing China (PRC)
Chen, T Wu, Z

77. CHSIE Shanghai Institute of Entomology Chinese Academy of Sciences (CAS)
Shanghai China (PRC)
Zhu, G K

78. CIBCES Commonwealth Inst of Biological Control European Station
1, Chemin des Grillons Delemont CH-2800 Switzerland
Carl, K P

79. CIBCESAU Commonwealth Inst of Biological Control European Station, Austrian Substation
Inprugg 35 A-3040 Neulengbach Austria
Heidecker, L

80. CIBCIS Commonwealth Inst of Biological Control Indian Station, Post Bag 2484
Hebbal Agricultural Farm, P.O. Bangalore 560 024 India
Ramaseshiah, G

81. CIBCKS Commonwealth Inst of Biological Control Kenya Station, c/o Kenya Agr Res Inst
P O Box 30148 Nairobi Kenya
Ingram, W R Markham, R H

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

82. CIBCPS Commonwealth Inst of Biological Control Pakistan Station (PARC-CIBC)
Murree Road, P. O. Box 8 Rawalpindi Pakistan
Ahmad, B; Cheema, M A; Hanif, M
Khan, A G; Mohyuddin, A I; Munawar, M S
Qazi, A S; Shah, S; Siddiqui, R K

83. CIBCUK Commonwealth Inst of Biological Control Imperial College, Silwood Park
Ascot, Berks SL5-7PY United Kingdom
O'Donnell, J D

84. CIBCWIS Commonwealth Inst of Biological Control West Indian Station
Gordon Street Curepe, Trinidad Trinidad & Tobago
Bennett, F D; Cock, M J W

85. CIE Commonwealth Institute of Entomology Commonwealth Agricultural Bureaux (CAB)
56, Queen's Gate London SW7 5JR UK
Subba Rao, B R

86. CIRLTX Cotton Insects Research Laboratory ARS, USDA
P O Drawer DG College Station TX 77840 USA
Lopez, J D; Morrison, R K

87. CODA Colorado Department of Agriculture Div Plant Industry, Biol Control Sect
P O Box 400 Palisade CO 81526 USA
Marko, L; Merlino, A J; Mowrer, K E
Nees, D M; Stahl, F J

88. COICA Instituto Colombiano Agropecuario Tibaitata
Apartado Aereo 151123, Eldorado Bogota Colombia
Lopez, A; Rodriguez Sierra, D A; Vasquez Romero, B

89. COICAP Instituto Colombiano Agropecuario (ICA)
Palmira Colombia
Garcia, F

90. COLL X ?
(private collector) ? MT USA
X, X

91. COMB Biosys 1057 East Meadow Circle
Palo Alto CA 94303 USA
X

92. COMCI Colorado Insectary P O Box 3266
Durango CO 81301 USA
Evans, J S

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

93. COMJJHNE J J Holmes R Rt 1, Box 179
Arcadia NE 68815 USA
Holmes, J J

94. COMKL Koppert (UK) Ltd P O Box 43
Tunbridge Wells Kent United Kingdom
Lawlor, R G

95. CORB R Broda 513 Sunrise Lane
Fort Collins CO 80521 USA
Broda, R

96. COSURF Arkansas Valley Experiment Station Colorado State University
Rocky Ford CO 81067 USA
Schweissing, F C

97. CSIROB Commonwealth Sci & Indus Res Org CSIRO Long Pocket Laboratories
Private Bag No. 3 Indooroop.,Brisbane Queensland 4068 Australia
Kassulke, R C

98. CSIROC Commonwealth Sci & Indus Res Org Division of Entomology
G P O Box 1700 Canberra City A C T 2601 Australia
McInnes, R S Milner, R J

99. CSIROM Commonwealth Sci & Indus Res Org CSIRO Biological Control Unit
335 Avenue Abbe Paul Parguel 34100 Montpellier France
Aeschlimann, J P

100. CSOIRSA Org Internac Reg de Sanidad Agropecuaria Lab de Investigaciones Biologicas, OIRSA
San Jose Costa Rica
Fischel-M, M

101. CTAES Connecticut Agr Expt Station Department of Entomology
123 Huntington Street, Box 1106 New Haven CT 06504 USA
Anderson, J F Erny, R McClure, M S
Weseloh, R M

102. CZIE Institute of Entomology Czechoslovakian Academy of Sciences
Branisovska 31 Ceske Budejovice 37005 Czechoslovakia
Stary, P

103. DAZI Zoologisk Institut ?
? Denmark
Eilenberg, J

104. DCGU Georgetown University Department of Biology
1400 37th Street, N.W. Washington DC 20057 USA
Nematollahi, W

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

105. DEDA Delaware Department of Agriculture Drawer D
Dover DE 19903 USA
Harrison, L

106. ECMA Ministry of Agriculture Programa Nac del Algodon y Oleaginosas
Apartado 5265 Guayaquil Ecuador
Paladines, C

107. ECUG University of Guayaquil Facultad de Ciencias Agrarias
Apartado 8488 Guayaquil Ecuador
Escobar, J

108. EGCU Cairo University Department of Economic Entomology
Faculty of Agriculture Giza Egypt
Rashad, S E

109. EMBRAPAG EMBRAPA CNPAF
Goiania Goias Brazil
Edson-de-Araujo, F
Ferreira, E
Martins/Santos, S
Pereira Rios, G
Pratagil, J
Saraiva Teixeira, L
Tanaka, Y
Yokoyama, M
de Silva Carneiro, J

110. EMBRAPAP EMBRAPA Centro Nacional de Pesquisa de Trigo
Caixa Postal 569 99.100 Passo Fundo Rio Grande Sul Brazil
Tambasco, F J

111. EPL European Parasite Laboratory, ARS, USDA 47 rue des Fontenelles
Sevres 92310 France
Blanchot, P
Chen, K H
Coutinot, D
Friedman, R
Gruber, F
Hedlund, R C
Hérard, F
Hoyer, H
Mercadier, G
Perkins, B D

112. EPLINRA European Parasite Laboratory Cooperator c/o Inst Natl de Recherche Agronomique
Sta Rech de Lutte Biologique, La Miniere 78280 Guyancourt France
Soares, G G

113. FAMU Florida A & M University Agricultural Sciences
Tallahassee FL 32307 USA
O'Brien, C W

114. FBCL Florida Biological Control Laboratory Division of Plant Industry, FDACS
P.O. Box 1269 Gainesville FL 32602 USA
Bennett, C A

115. FLDPI Division of Plant Industry Florida Dept. of Agr. & Consumer Serv.
P.O. Box 1269 Gainesville FL 32602 USA
Nguyen, R
Stange, L A

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

116. FLDPIFL
Div Plant Industry, Citrus Blackfly Fac Florida Dept Agr and Consumer Services
P O Box 16090 Fort Lauderdale FL 33318 USA
McCluskie, J D

117. FNCL
Florist & Nursery Crops Laboratory ARS, USDA
Bldg. 470, BARC-East Beltsville MD 20705 USA
Rivnay, T Rosen, D

118. FR?
France?
Jolivet, P

119. FRINRAA
Inst Natl de la Recherche Agronomique Station de Rech de Zool & de Lutte Biol
37, bd du Cap - B P 78 Antibes 06602 France
Pintureau, B Voegele, J

120. FRINRAG
Inst Natl de la Recherche Agronomique Station de Rech de Lutte Biologique
La Miniere Guyancourt 78280 France
Marchal, M

121. FRIPP
Institut Pasteur
Paris 75015 France
Latge, J P

122. FRRU
Forage and Range Research Unit ARS, USDA, c/o Department of Agronomy
University of Nebraska, East Campus Lincoln NE 68583 USA
Manglitz, G R Stevens, H J

123. FSANC
Forest Pest Management, Region 8 Forest Service, USDA
Shady Oak and Iris Drive Asheville NC 28803 USA
Huber, C M Wilson, R

124. FSANV
Forest Service, USDA P O Box 130
Austin NV 89310 USA
Nix, G

125. FSCOR
Forestry Sciences Laboratory Pacific NW Forest & Range Expt. Station
Forest Service, USDA, 3200 Jefferson Way Corvallis OR 97331 USA
Ryan, R B

126. FSEMT
Forest Service, USDA
Ennis MT 59729 USA
Feiblinger, N Lindsey, V L

127. FSFAK
Institute of Northern Forestry USDA, FS
Fairbanks AK 99701 USA
Thompson, C

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

128. FSHCT
Forest Insect and Disease Laboratory Northeastern Forest Experiment Station
Forest Service, USDA, 51 Mill Pond Road Hamden CT 06514 USA
Grinberg, P S Wallner, W E

129. FSMUT
Forest Service, USDA Wasatch National Forest
Manila UT 84044 USA
Larson, B

130. FSOUT
Forest Service, USDA Intermountain Forest & Range Expt Sta
507 25th Street Ogden UT 84401 USA
Curtis, D Schmitz, R F

131. FSRTPNC
Forestry Sciences Laboratory Southeastern Forest Experiment Station
Forest Service, USDA, P.O. Box 12254 Research Triangle Pk NC 27709 USA
Drooz, A T

132. FSSLMT
Forest Service, USDA Drawer G
Seeley Lake MT 59868 USA
Blackburn, J

133. FSYWA
U.S. Forest Service Forest Service, USDA
Yakima WA 98901 USA
Lattonius, S

134. FWSPSD
Fish and Wildlife Service, USDI P O Box 250
Pierre SD 57501 USA
Good, J

135. GAAESE
Georgia Agricultural Experiment Station
Experiment GA 30212 USA
Tippins, H H

136. GADNR
Georgia Department of Natural Resources Game and Fish Divison
Rt 1, Box 547 Fitzgerald GA 31750 USA
Stephens, C

137. GEUW
Universitat der Wurzburg Institut der Zoologie
Wurzburg Germany (West)
Horstmann, K

138. GRA
26 Gounaris St
Amaroussion Greece
Politis(Mrs), D J

139. GRBI
Benaki Institute
Athens Greece
Pantidou, M Yannitsaros, V

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

140. GSWRL Grassland, Soil and Water Research Lab ARS, USDA
P.O. Box 748 Temple TX 76501 USA
Boldt, P E

141. HDA Hawaii Department of Agriculture 1428 South King Street
Honolulu, Oahu HI 96814 USA
Burkhart, R M
Heu, R A
Murai, K T
Teramoto, K K
Conant, P
Kumashiro, B R
Nagamine, W T
Funasaki, G Y
Lai, P Y
Otsuka, C K

142. HDAH Hawaii Department of Agriculture Plant Pest Control Branch
16-E Lanikaula Street Hilo, Hawaii HI 96720 USA
Yoshioka, E R

143. HDAK Hawaii Department of Agriculture Plant Pest Control Branch
3060 Eiwa Street Lihue, Kauai HI 96766 USA
Sugawa, D T

144. HDAM Hawaii Department of Agriculture Plant Pest Control Branch
635 Mua Street Kahului, Maui HI 96732 USA
Miyahira, N

145. HHNHS Herbert Hoover National Historic Site P O Box 607
West Branch IA 52358 USA
Deets, T
Saunders, R

146. HNHM Hungarian Natural History Museum (Termeszettudomanyi Muzeum)
Budapest Hungary
Endrody, S

147. HURIPP Research Institute of Plant Protection Herman Otto u. 15
Budapest II - 1525 Hungary
Kozar, F

148. IADA Iowa Department of Agriculture Wallace Building
East Nineth and Grand Streets Des Moines IA 50319 USA
Campbell, J W
Carlson, C E
Stoltenow, C R

149. IAMARL Insects Affecting Man & Animals Res Lab ARS, USDA
1600 SW 23rd Drive Gainesville FL 32604 USA
Hogsette, J A
Patterson, R S

150. IASUEXT Iowa State University, Extension
Ames IA 50011 USA
Buske, M C
Greene, B

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

151. IDBLLCC B & L Land and Cattle Co Route 1, Box 212
Cambridge ID 83610 USA
Munser, J

152. IDDF D Fritz Box 1122
North Fork ID 83466 USA
Fritz, D

153. IDKH K Howard
Bruneau ID 83604 USA
Howard, K

154. ILDA Illinois Department of Agriculture Emerson Building
Illinois State Fairgrounds Springfield IL 62706 USA
Hogancamp, J C

155. INHS Illinois Natural History Survey Division 607 East Peabody Drive
Champaign IL 61820 USA
Kogan, M

156. INIHR Indian Inst of Horticultural Research 255 Upper Palace Orchards
Hessaraghatti Bangalore 560089 India
Jayanth, K P

157. INPU Purdue University Department of Entomology
West Lafayette IN 47907 USA
Flanders, R V

158. INTW T Woriud Box 351
Sullivan IN 47882 USA
Woriud, T

159. IPHL Insect Physiology Laboratory ARS, USDA
Bldg 467, BARC-East Beltsville MD 20705 USA
Aldrich, J R

160. IPL Insect Pathology Laboratory ARS, USDA
Bldg 011A, BARC-WEST Beltsville MD 20705 USA
Clark, T B Dougherty, E M Vaughn, J L

161. IPRU Insect Pathology Research Unit (& ARSEF) ARS, USDA
c/o Boyce Thompson Inst, Cornell Univ Ithaca NY 14853 USA
Humber, R A Soper, R S

162. ISHUJ The Hebrew University of Jerusalem Faculty of Agriculture
P O Box 12 Rehovot 76-100 Israel
Kenneth, R G Uziel, A

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

163. ISTAU Tel Aviv University Department of Zoology
Ramat-Aviv, 69 978 Tel Aviv Israel
Gerling, D

164. ISUH University of Haifa Education of the Kibbutz Movement
Oranium, Tivan Haifa Israel
Broza, M

165. ISVCIPP Volcani Center, Inst of Plant Protection Department of Entomology
P.O. Box 6 Bet Dagan 50-200 Israel
Blumberg, D

166. ITUSPA Universita degli Studi di Palermo Istituto di Entomologia Agraria
Palermo (Sicily) Italy
Ragusa, S

167. JAAAES Aomori Apple Experiment Station Entomology Section
Kuroishi City Aomori 036-03 Japan
Sekita, N

168. JACESS Citrus Experiment Station 2712 Komagoe
Shimizu Shizuoka Pref Japan
Furuhashi, K

169. JAFFPRI Forestry & Forest Products Res Inst
Tsukuba Japan
Shimazu, M

170. JAKUK Kagoshima University
Kagoshima Kyushu Japan
Yukawa, J

171. JAMAES Miyazaki Agricultural Experiment Station
Miyazaki Kyushu Japan
Nagai, K Sakanoshita

172. JANIAS National Inst of Agricultural Sciences Divison of Entomology
Kannondai 3-1-1, Yatabe Tsukuba Ibaraki 305 Japan
Kiritani, K

173. JASU Shimane University Laboratory of Insect Management-Agric
Matsue Japan
Maeta, Y

174. JATUAT Tokyo Univ Agriculture & Technology Saiwaicho
3-5-8, Fuchu City Tokyo Japan
Aoki, J

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

175. JAUOP University of Osaka Prefecture Entomological Lab, College of Agric
Mozuumemachi Sakai City Osaka 591 Japan
Nishida, E

176. KS-1 COMJJHNE Business Customer #3
Centralia KS 66415 USA
Bus.Customer, JJH

177. KS-2 COMJJHNE Business Customer #7
Clyde KS 66938 USA
Bus.Customer, JJH

178. KS-3 COMJJHNE Business Customer #34
Cuba KS 66940 USA
Bus.Customer, JJH

179. KS-4 COMJJHNE Business Customer #35
Agenda KS 66930 USA
Bus.Customer, JJH

180. KS-5 COMJJHNE Business Customer #36
Ames KS 66931 USA
Bus.Customer, JJH

181. KSDWH D W Hight Rt 2, Box 314
Pittsburg KS 66762 USA
Hight, D W

182. KSKLCA K Smallenburg Faye Ranch
Knights Landing CA 95645 USA
Smallenburg, K

183. KSSBA Kansas State Board of Agriculture Plant Health Division, Entomology
109 SW 9th Street Topeka KS 66612 USA
Hilbert, B

184. KSSBABC Kansas State Board of Agriculture Route 2
Baldwin City KS 66006 USA
White, S C

185. KSSBAG Kansas State Board of Agriculture 222 E Iowa
Greenburg KS 67054 USA
Salsbury, G A

186. KSSU Kansas State University Department of Entomology
Manhattan KS 66506 USA
Horber, E K

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

187. LIRU
Livestock Insects Research Unit ARS, USDA, c/o Dept of Entomology
University of Nebraska, East Campus Lincoln NE 68583 USA
Petersen, J J

188. LSU
Louisiana State University Department of Entomology
Baton Rouge LA 70893 USA
Boethel, D J | Johnson, S J | Yanes, J

189. MDDA
Maryland Department of Agriculture Plant Industries & Pest Management
50 Harry S Truman Parkway Annapolis MD 21401 USA
Cantwell, M A | Malan, S C | Raver, R

190. MDDAF
Maryland Department of Agriculture 374 Fairhill Drive
Fairhill Elkton MD 21921 USA
Tatman, R

191. MDLM
L Monticello 1495 Waterbury Road
Crownsville MD 21032 USA
Monticello, L

192. MIBB
B Buchner
Harrisville MI 48740 USA
Buchner, B

193. MISU
Michigan State University Department of Entomology
East Lansing MI 48824 USA
Mullin, C

194. MISUEXT
Michigan State University Cooperative Extension Service
East Lansing MI 48824 USA
Clark, R J | Grahiem, G | McManus, G

195. MO-1
COMJJHNE Business Customer #4
Gallatin MO 64640 USA
Bus.Customer, JJH

196. MO-2
COMJJHNE Business Customer #37
Bowling Green MO 63334 USA
Bus.Customer, JJH

197. MO-3
COMJJHNE Business Customer #38
New London MO 63459 USA
Bus.Customer, JJH

198. MO-4
COMJJHNE Business Customer #39
Center MO 63436 USA
Bus.Customer, JJH

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

199. MO-5 COMJJHNE Business Customer #40
Saverton MO 63467 USA
Bus.Customer, JJH

200. MO-6 COMJJHNE Business Customer #41
Hannibal MO 63401 USA
Bus.Customer, JJH

201. MODA Missouri Department of Agriculture Division of Plant Industries
P.O. Box 630 Jefferson City MO 65102 USA
Burgess, L P Carmichael, O E Francka, J E

202. MODAS Missouri Department of Agriculture P.O. Box 67
Sikeston MO 63281 USA
Hanning, L

203. MOINRAA Inst Natl de la Recherche Agronomique Experimental Station
Achouria-Jorf-Erfoud Morocco
Farhi, E

204. MOINRAR Inst Natl de la Recherche Agronomique
Rabat Morocco
Saidi, S

205. MPMA Ministry of Agr., Nat. Res. & Environ. Entomology Division
Reduit Mauritius
Monty, J

206. MSDWC Mississippi Dept. Wildlife Conservation P.O. Box 451
Jackson MS 39205 USA
Barkley, H Pittman, W

207. MTGS G Shaw
Phillipsburg MT 59858 USA
Shaw, G

208. MTHS H Schiele (Mrs) 382 Burnt Hollow Road
Deer Lodge MT 59722 USA
Schiele, H

209. MTJCR J C Raser 2425 Mullan Road
Missoula MT 59802 USA
Raser, J C

210. MTSUC Montana State University Western Agricultural Research Center
531 N E Quast Lane Corvallis MT 59828 USA
Story, J M

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

211. MTSUEXT
Montana State University-Extension Cooperative Extension Service
Bozeman MT 59717 USA
Cole, J

212. MTSUM
Montana State University Central Agricultural Research Center
P.O. Mocassin MT 59462 USA
Rardon, P L

213. MTTS
T Sullivan Box 652
Garrison MT 59731 USA
Sullivan, T

214. MXINIA
Instituto Nacional de Investig Agricolas Apartados 6-882 y 6-883
Mexico City 6 Distr Federal Mexico
Carrillo, J L

215. MYRRC
Rice Research Center, MARDI Kepala Batas, Pulau Pinang
Bumbong Lima Pinang Malaysia
Chang, P-M

216. NCCPL
Carolina Power and Light Energy and Environmental Center
Shearon Terrace, Rt 1, Box 327 New Hill NC 27562 USA
Schiller, D H

217. NCDA
North Carolina Department of Agriculture Plant Industry Div., Plant Protect. Sec.
P.O. Box 27647 Raleigh NC 27611 USA
?, ?
Galloway, R H
Miller, A
Parker, B
Batten, C
Gregory, R
Murray, J
Smith, T
Ford, R
Isenhour, J
Nalepa, C A
Stillwell, K

218. NCSU
North Carolina State University Department of Entomology
Raleigh NC 27650 USA
Brooks, W M
Rabb, R L

219. NCSUEXT
NC State University, Extension
Raleigh NC 27650 USA
Langeland, K A

220. NDDA
North Dakota Department of Agriculture Entomology
State Capitol, 600 E Boulevard Bismarck ND 58505 USA
Brandvik, W J

221. NE-10
COMJJHNE Business Customer #13
St Libory NE 68872 USA
Bus.Customer, JJH

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

222. NE-11 COMJJHNE Business Customer #14
Palmer NE 68864 USA
Bus.Customer, JJH

223. NE-17 COMJJHNE Business Customer #20
Niobrara NE 68760 USA
Bus.Customer, JJH

224. NE-19 COMJJHNE Business Customer #22
Spalding NE 68665 USA
Bus.Customer, JJH

225. NE-20 COMJJHNE Business Customer #20
Ericson NE 68637 USA
Bus.Customer, JJH

226. NE-21 COMJJHNE Business Customer #24
Silver Creek NE 68663 USA
Bus.Customer, JJH

227. NE-22 COMJJHNE Business Customer #25
St Paul NE 68873 USA
Bus.Customer, JJH

228. NE-23 COMJJHNE Business Customer #26
Wolbach NE 68882 USA
Bus.Customer, JJH

229. NE-24 COMJJHNE Business Customer #27
Ashton NE 68817 USA
Bus.Customer, JJH

230. NE-25 COMJJHNE Business Customer #28
Cedar Rapids NE 68627 USA
Bus.Customer, JJH

231. NE-26 COMJJHNE Business Customer #29
Tilden NE 68781 USA
Bus.Customer, JJH

232. NE-27 COMJJHNE Business Customer #30
Edgar NE 68935 USA
Bus.Customer, JJH

233. NE-28 COMJJHNE Business Customer #31
Cotesfield NE 68829 USA
Bus.Customer, JJH

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

234. NE-29 COMJJHNE Business Customer #32
Callaway NE 68825 USA
Bus.Customer, JJH

235. NE-3 COMJJHNE Business Customer #5
Center NE 68724 USA
Bus.Customer, JJH

236. NE-30 COMJJHNE Business Customer #33
Oconto NE 68860 USA
Bus.Customer, JJH

237. NE-31 COMJJHNE Business Customer #42
Albion NE 68620 USA
Bus.Customer, JJH

238. NE-32 COMJJHNE Business Customer #43
Oakdale NE 68761 USA
Bus.Customer, JJH

239. NE-33 COMJJHNE Business Customer #44
Beaver City NE 68926 USA
Bus.Customer, JJH

240. NE-34 COMJJHNE Business Customer #45
Blue Hill NE 68930 USA
Bus.Customer, JJH

241. NE-35 COMJJHNE Business Customer #46
West Point NE 68788 USA
Bus.Customer, JJH

242. NE-36 COMJJHNE Business Customer #47
Ravenna NE 68869 USA
Bus.Customer, JJH

243. NE-5 COMJJHNE Business Customer #8
Table Rock NE 68447 USA
Bus.Customer, JJH

244. NE-7 COMJJHNE Business Customer #10
Gothenburg NE 69138 USA
Bus.Customer, JJH

245. NEDHT D H Tracy
Ponca NE 68770 USA
Tracy, D H

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

246. NGIRL Northern Grain Insects Research Lab ARS, USDA
RR 3 Brookings SD 57006 USA
Branson, T F
Jackson, J J
Krysan, J L

247. NHDA New Hampshire Department of Agriculture State Lab Bldg., Lab D, Hazen Drive
(also RFD 1, Box 45, Laconia, NH 03246) Concord NH 03301 USA
Durkis, T J

248. NJDA New Jersey Department of Agriculture Division of Plant Industry
101 Oakland Street (CN 330) Trenton NJ 08625 USA
Balaam, R J
Bullock, R H
Chianese, R J
Dorsey, T W
Garrison, G W
Garrison, H
Huffman, R
Mackenthun, D
Metterhouse, W W
Mina, P J
Palmer, D J
Perini, J
Robbins, G
Schlaufman, C

249. NJRU Rutgers University, Cook College Dept of Entomology & Economic Zoology
State University of New Jersey New Brunswick NJ 08903 USA
Lashomb, J H

250. NL Nematology Laboratory ARS, USDA, Plant Protection Institute
Bldg 011A, BARC-West Beltsville MD 20705 USA
Nickle, W R

251. NLAUW Agricultural University Department of Entomology
(Landbouwhogeschool,VakgroepEntomologie) Wageningen Netherlands
de Wilde, J

252. NLRUL Rijksuniversiteit Leiden Subfacultiet Biologie
Kaiserstradt 63, Postbur 9516 Leiden 2300 RA Netherlands
Los-den-Hartogh, R L

253. NLUA University of Amsterdam Laboratory of Experimental Entomology
Amsterdam Netherlands
Mietkiewski, R

254. NLUL University of Leiden Department of Ecology, Zoological Lab
Kaiserstraat 63 Leiden Netherlands
van Lenteren, J C

255. NO ?
Norway
Hagvar, E

256. NPCA National Pest Control Association
USA
Pinto, L J

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

257. NPSSWA National Park Service U.S. Dept Interior
835 King St Seattle WA 98104 USA
Prasil, R G

258. NVDA Nevada Department of Agriculture P O Box 630
Elko NV 89801 USA
Dondero, P

259. NYAESG New York State Agr Experiment Station
Geneva NY 14456 USA
Riedl, H

260. NYCU Cornell University Department of Entomology
Comstock Hall Ithaca NY 14853 USA
Dodge, P
Tauber, M J

261. NZDSIRA Dept Sci & Indus Res - Entomology Div Mt Albert Research Centre
120 Mt Albert Road Auckland New Zealand
Kuschel, G

262. NZDSIRN Dept Sci & Indust Res - Entomology Div Nelson Station
Goddards Lane, Havelock North Hawkes Bay New Zealand
Wearing, C H

263. OARDC Ohio Agricultural Res & Development Ctr Department of Entomology
Ohio State University Wooster OH 44691 USA
Flessel, J K
Williams, R N

264. OHSU Ohio State University Department of Entomology
Columbus OH 43210 USA
Johnson, N F

265. OKSDA Oklahoma State Dept Agriculture Division of Plant Industry
2800 N Lincoln Blvd Oklahoma City OK 73105 USA
Dudek, C
Fleer, G C
Fuller, M
Grantham, A A
Kingsbery, W
Metz, R E
Michael, O
Molnar, D
Ridge, D

266. OKSU Oklahoma State University Department of Entomology
Stillwater OK 74074 USA
Eikenbary, R D
Sumner, L C

267. OR ? 200 Antelope Road
White City OR 97501 USA
Squires, D

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

268. ORDA
Oregon Department of Agriculture Agriculture Building
635 Capitol Street, N E Salem OR 97310 USA
Brown, J
Penrose, R L
Hawkes, R B
West, M
Kimberling, D

269. ORSU
Oregon State University Department of Entomology
Corvallis OR 97331 USA
Vandenburg, J D

270. PABF
Pennsylvania Bureau of Forestry, DER Division of Forest Pest Management
34 Airport Drive Middletown PA 17057 USA
Fusco, R A
Simons, E E
Laudermilch, G
Quimby, J W

271. PATD
T Dermody organic farmer
Bucks County PA USA
Dermody, T

272. PCEMRU
Pest Control Equipment & Methods Res ARS, USDA
Texas A & M University College Station TX 77841 USA
Bouse, L F

273. PDRL
Plant Disease Research Laboratory ARS, USDA
P.O. Box 1209 Frederick MD 21701 USA
Bruckart, W L
Politis, D J
Emge, R G
Rossi, A E
Latterell, F M
Turner, S K

274. PEUNSA
Universidad Nacional de San Antonio Abad del Cuzco
Apartado 607, Correo Centro Cuzco Peru
Arestegui, A

275. PLAAS
Academy of Agriculture Slowackiego 17
Szczecin 71-434 Poland
Majchrowicz, I

276. PPQBMD
APHIS, PPQ, Cooperative Mexican Bean Beetle Demonstration Project
Building 320, BARC-East Beltsville MD 20705 USA
Smith, H T

277. PPQMTX
National Biological Control Center PPQ, APHIS, USDA
P. O. Box 787 Mission TX 78572 USA
Wendel, L E

278. PPQNEV
APHIS, PPQ, NE REGION, AREA V 1010 Jorie Boulevard, Suite 38
Oak Brook IL 60521 USA
Anderson, D
Buchanan, K J
Cummings, L
Bedford, J
Cleary, E
Earl, T R
Bradley, R
Cleary, E A
Eibling, J R

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

Ganger, J	Graeber, H P	Guthrie, M C
Hayward, J T	Iverson, S S	Keith, R M
Line, H E	Lovejoy, R D	Lueders, T
Mansell, G	Martin, E	Pellegrini, M K
Ruppe, J	Sproat, B	Stephens, C F
Teresinski, G G	Townsend, W	Waisanen, W
Ward, A W	Wikoff, J	Wille, S
Zechman, J		

279. PPQNEVII APHIS, PPQ, NE Region, Area VII 1 Park North, Suite 300
5550 Friendship Boulevard Chevy Chase MD 20815 USA
Tustin, A E

280. PPQNMI Biological Control Satellite Facility PPQ, APHIS, USDA
2534 South 11th Street Niles MI 49120 USA

Bernon, G L	Bryan, M D	Burger, T L
Montgomery, V E		

281. PPQOMA Otis Methods Development Center PPQ, APHIS, USDA
Bldg 1398 Otis ANGB MA 02542 USA
Forrester, O T

282. PPQRVA Plant Protection & Quarantine, APHIS 707 South Jefferson St
P O Box 1276 Roanoke VA 24006 USA
Clement, G L

283. PPQSBTX South Central Rearing Facility APHIS, PPQ
100 Helen Moore Road San Benito TX 78586 USA
? Worley, J N

284. PPQSCII APHIS, PPQ, SC Region, Area II Federal Building, Room B-201
727 East Durango San Antonio TX 78206 USA

Barker, J W	Burgess, G O	Campbell, H C
Cole, B E	Crossland, S	Hudson, M
Morton, R	Thomas, J H	

285. PPQSCIII APHIS, PPQ, SC Region, Area III Slidell Towers, Room 205
520 Old Spanish Trail Slidell LA 70458 USA

?, ?	Bevill, J	Griffin, V J
Loftin, R	Pierce, K R	Pigott, T
Prentice, F	Wright, M	

286. PPQSCIV APHIS, PPQ, South Central Reg, Area IV 1411 Southwest Boulevard
Jefferson City MO 65101 USA

Aldridge, G R	Brennecke, B J	Conner, F E
Courtney, D F	Crouch, J	Drudik, T
Harri, J A	Harrison, H	Lambert, J
Larson, R A	MacRae, T C	McAdams, W
Miller, N D	Mitchell, V	Molyneux, A

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

Nichols, R W
Porterfield, L D
Sandine, M
Stuefer-Powell, C L
Widdicombe, K
Niemeyer, S
Rabe, G G
Schade, J M
Wallerich, G E
O'Dea, D
Ross, G R
Shuman, M L
Wallerich, J L

287. PPQSEI APHIS, PPQ, SE Region, Area I 4080 Woodcock Drive, Suite 129
Jacksonville FL 32207 USA
Worlow, J E

288. PPQSEIII APHIS, PPQ, SE Region, Area III 3505 25th Avenue
P.O. Box 13 Gulfport MS 39502 USA
Harris, R F
Mills, T
Watson, E B
Loucks, M V
Smith, W
Milam, R G
Stafford, B G

289. PPQSEIV APHIS, PPQ, SE Region, Area IV Rural Route 6, Box 53
Wilmington NC 28405 USA
Bradshear, A L
Johnson, G
Langford, P W
Planner, F
Savage, J
Witt, K
Calhoun, L E
Johnson, R
Lowry, A R
Roberts, L
Wescott, B
Goolsby, B F
King, J L
Mikell, J
Roggenstein, B
Wilson, D

290. PPQSMS Satellite Rearing Lab, PPQ, APHIS, USDA Starkville, MS
c/o Gast Rearing Lab, P.O. Box 5367 Mississippi State MS 39762 USA
Roberson, J L

291. PPQWDE USDA, APHIS, PPQ Federal Buiding
9th and King Streets Wilmington DE 19801 USA
Campese, D

292. PPQWV APHIS, PPQ W Region, Area V 7100 West 44th Avenue
Suite 102 Wheat Ridge CO 80033 USA
McClanahan, S A
Tucker, D
Winks, L K

293. PRUPRRP Universidad de Puerto Rico Crop Protection Department
Agr. Expt. Sta., P.O. Box 21360 Rio Piedras PR 00928 USA-PR
Roman, J

294. RIL Rangeland Insect Laboratory, ARS, USDA Montana State University
So. 11th Avenue Bozeman MT 59717 USA
Henry, J E
Rees, N E

295. RPIRRI International Rice Research Institute Entomology Department
P O Box 933 Manila Philippines
Dyck, V A

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

296. RSWFA
R S Westing, Farm Advisor 981 H Street
Crescent City CA 95531 USA
Westing, R S

297. SARL
Subtropical Agricultural Research Lab ARS, USDA
P O Box 267 Weslaco TX 78596 USA
?, ? | Hart, W G | Summy, K R

298. SCCU
Clemson University Dept. Entomology, Fisheries & Wildlife
Clemson SC 29631 USA
Carner, G R | Grant, J F | Shepard, B M

299. SCCUE
Clemson University Edisto Experiment Station
P.O. Box 247 Blackville SC 29817 USA
McCutcheon, G S | Turnipseed, S G

300. SCCUEXT
Clemson University Cooperative Extension Service
Clemson SC 29631 USA
Palmer, K

301. SCSCSC
Soil Conservation Service Station SCS, USDA
1835 Assembly Street Columbia SC 29201 USA
Edwards, S | Melven, W J

302. SDDA
South Dakota Department of Agriculture Division of Regulatory Services
Plant Industry Program, 445 E Capitol Pierre SD 57501 USA
Krsnak, J

303. SDRE
R Ehrishman Route 3, Box 110
Wagner SD 57380 USA
Ehrishman, R

304. SDSUEXT
South Dakota State University-Extension Cooperative Extension Service
Brookings SD 57007 USA
Bowker, E J

305. SDSUEXTS
South Dakota State University-Extension Box 720
Spearfish SD 57783 USA
Orme, L E

306. SECPRU
Southeast Cotton Production Res Unit ARS, USDA
P O Box 2131 Florence SC 29503 USA
Roach, S H

307. SEL
Systematic Entomology Laboratory ARS, USDA,
Bldg. 003, BARC-West Beltsville MD 20705 USA
Gordon, R D | Grissell | Grissell, E E
Henry, T J | Marsh, P M | Sabrosky, C W

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

Schauff, M E Shaw, S R White, R E
Wirth, W W Woodley, N E

308. SFCIML Southern Field Crop Insect Managemnt Lab ARS, USDA
Delta States Research Ctr, P O Box 225 Stoneville MS 38776 USA
Ford, R L Ginn, S B Jones, W A
King, E G Saucier, L C Tidwell, A

309. SFPPRIP Plant Protection Research Institute Department of Agriculture & Fisheries
Agr Bldgs, Beatrix St, Private Bag X134 Pretoria South Africa
Cilliers, C J Neser, S

310. SFTNRL Southeastern Fruit & Tree Nut Res Lab ARS, USDA
P.O. Box 87 Byron GA 31008 USA
Payne, J A

311. SGIRL Southern Grain Insects Research Lab ARS, USDA
Coastal Plain Experiment Station Tifton GA 31794 USA
Hamm, J J Lewis, W J

312. SPCRL Southern Plains Cotton Research Lab ARS, USDA
c/o Texas A&M University, Route 3 Lubbock TX 79401 USA
Orr, C C

313. SPINIAV Inst Nac de Investigaciones Agrarias Centro Reg Lab de Inv y Desarollo Agr 5
Crida 05, Apartado 733 Valladolid Spain
Asensio, E

314. SPIRDL Stored Product Insects Res. & Dev. Lab. ARS, USDA, 3401 Edwin St.
P O. Box 22909 Savannah GA 31403 USA
Arbogast, R T Press, J W

315. SPIRL Stored Product Insects Research Lab ARS, USDA
5578 Air Terminal Drive Fresno CA 93727 USA
Vail, P V

316. SRQF Stoneville Research Quarantine Facility ARS, USDA
P.O. Box 225 Stoneville MS 38776 USA
Harrison, W W Powell, J E

317. SUUK University of Khartoum Faculty of Agriculture
P O Box 32 Khartoum, North Sudan
Beshir, M

318. SW ?
Sweden
Gustafsson, M

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

319. SWSL
Southern Weed Science Laboratory ARS, USDA
P.O. Box 225 Stoneville MS 38876 USA
Spencer, N R

320. SZETH
Eidgenossiche Technische Hochschule Institut fur Phytomedizin
Zentrum/LFW Zurich CH8092 Switzerland
Defago, G
Sedlar, L
Vonmoos, R

321. SZFLP
Forschungsanstalt fur Landw. Pflanzenbau Reckenholzstrasse 191/211
Zurich 8045 Switzerland
Keller, S

322. TAMU
Texas A&M University Department of Entomology
College Station TX 77843 USA
Carrola, H
Cate, J R
Cronholm, G B
Cuda, J P
Gilstrap, F E
Harris, M K
Johnson, S
Knutson, A
Krauter, P C
Smith, J W
Stansly, P A
Steck, G J
Wharton, R A
Williams, D W

323. TAMUD
Texas A&M University Res & Ext Ctr Research and Extension Center at Dallas
17360 Coit Road Dallas TX 75252 USA
Schuster, M F
Womack, C L

324. TFVRL
Tropical Fruit & Vegetable Res Lab ARS, USDA
P O Box 2280 Honolulu HI 96804 USA
Wong, T T Y

325. THKU
Kasetsart University P.O. Box 9-52
Bangkok 10900 Thailand
Napompeth, B

326. TUEUB
Ege Universitesi Bornova Department of Microbiology
Faculty of Sciences Izmir Turkey
Oner, M

327. TVAMSAL
Tennessee Valley Authority Fisheries & Aquatic Ecology Branch
E & D Building Muscle Shoals AL 35660 USA
Burns, E R
Murphy, D

328. TWTARI
Taiwan Agricultural Research Institute 189 Chung-cheng Road, Wan-feng, Wu-feng
Taichung Taiwan(Rep of China)
Wan, S C

329. UAR
University of Arkansas Department of Entomology
Fayetteville AR 72701 USA
Jones, B F
Miner, F D
Plumlee, H

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

330. UCB University of California, Berkeley Division of Biological Control
Department of Entomology Albany CA 94706 USA

Andrews, J	Brown, M	Caltagirone, L E
Dahlsten, D L	Etzel, L K	Hagen, K S
Hamai, J	Kennett, C E	Quezada, J
Vandenberg, N J		

331. UCBB University of California, Berkeley Department of Entomology
Berkeley CA 94720 USA
Hoy, M A

332. UCBE University of California, Berkeley Environmental Health and Safety
Berkeley CA 94720 USA
Slater, A

333. UCD University of California, Davis Department of Entomology
Davis CA 95616 USA

Ehler, L E	Endicott, P C	Hertlein, M B

334. UCDND University of California Nematology Division
Davis CA 95616 USA
Kaya, H K

335. UCEXTMC Agricultural Extension - Monterey County University of California
118 Wilgart Way Salinas CA 93901 USA
Agamalian, H

336. UCR University of California, Riverside Division of Biological Control
Department of Entomology Riverside CA 92521 USA

Badgley, M E	DeBach, P	Federici, B A
Fisher, T W	Gonzalez, D	Gordh, G
Guzo, D	Hall, I M	Hall, J C
Johnson, H G	Legner, E F	Luck, R F
McMurtry, J A	Moraes, G J	Oatman, E R
Orth, R E	Pinto, J D	Rose, M J
Stern, V M	White, W	

337. UDE University of Delaware Department of Entomology
Newark DE 19713 USA
Burbutis, P P

338. UFB University of Florida Gulf Coast Research & Education Center
5007 60th Street, East Bradenton FL 34203 USA
Schuster, D J

339. UFFL University of Florida Agricultural Research & Education Center
3205 SW College Ave Fort Lauderdale FL 33314 USA

Balciunas, J K	Minno, M C	Reinert, J A
Thompson, C R		

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

340. UFG University of Florida Department of Entomology & Nematology
Gainesville FL 32611 USA
Castner, J L; Gillmore, J L; Habeck, D H
Hudson, W G; Munir, B; Nong, L
Sailer, R I

341. UFGPPD Plant Pathology Department University of Florida
Gainesville FL 32611 USA
Charudattan, R

342. UFH University of Florida Tropical Agr Research & Education Center
18905 SW 280 Street Homestead FL 33031 USA
Glenn, H B; Waddill, V H

343. UFLA University of Florida Agricultural Research & Education Center
700 Experiment Station Road Lake Alfred FL 33850 USA
McCoy, C W

344. UGA University of Georgia Department of Entomology
Athens GA 30602 USA
Berisford, C W

345. UHI University of Hawaii Department of Entomology
Honolulu HI 96822 USA
Haramoto, F H

346. UHIEXT University of Hawaii, College of Tropical Agriculture,
Extension Honolulu HI 96822 USA
Arakaki, A

347. UID University of Idaho Plant, Soil & Entomological Sciences
Moscow ID 83843 USA
Bishop, G W; McCaffrey, J P; O'Keeffe, L E
Schotzko, D J; Wheeler, G S

348. UIDA University of Idaho Agr Res & Ext Ctr
P O Box AA Aberdeen ID 83210 USA
Sandvol, L E

349. UKB 10 Eastern Road
Birmingham B29 7JP England United Kingdom
Klemperer, H E

350. UKGCRI Glasshouse Crops Research Institute Worthing Road
Rustington Littlehampton W Sussex BN16 3PU United Kingdom
Hall, R A

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

351. UKRES
Rothamsted Experimental Station
Harpenden, Herts England AL5 2JQ United Kingdom
Wilding, N

352. UKUB
University of Bath School of Biological Sciences
Claverton Down Bath UK, England
St.Leger, R L

353. UKY
University of Kentucky Department of Entomology
Lexington KY 40506 USA
Parr, J C | Pass, B C | Yeargan, K V

354. UKYEXT
University of Kentucky Cooperative Extension Service
Lexington KY 40506 USA
Claiborne, P | Greenwell, R | Radford, M

355. UMA
University of Massachusetts Department of Entomology
Fernald Hall Amherst MA 01003 USA
Hilbert, C | Van Driesche, R

356. UME
University of Maine Department of Entomology
Orono ME 04469 USA
Dimond, J B

357. UMEFR
University of Maine College of Forest Resources
Department of Forest Biology Orono ME 04473 USA
Houseweart, M W

358. UMI
University of Michigan Division of Biological Sciences
Natural Sciences Building Ann Arbor MI 48109 USA
Vandermeer

359. UMN
University of Minnesota Department of Entomology
Hodson Hall St Paul MN 55108 USA
Chiang, H C | Kulman, H M | Thompson, L

360. UMO
University of Missouri Department of Entomology
Columbia MO 65211 USA
Brandenburg, R L | Fairchild, M L | Spurgeon, D

361. UMOEXT
University of Missouri Cooperative Extension Service
Columbia MO 65211 USA
Graham, G | Hexem, R O | Hummel, C
Lindell, D L | Rycyk, F | Zielinski, M

362. UNE
University of Nebraska Department of Entomology
Lincoln NE 68583 USA
Rethwisch, M

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

363. UNEEXT University of Nebraska Cooperative Extension Service
Lincoln NE 68583 USA

Anderson, T	Cranfill, J C	Danielson, S
Germer, L	Hawley, C	Klahr, M
Mues, N	O'Brien, D	Peterson, L A
Roeber, R	Sall, R	Schneider, L
Stokely, H	Voboril, R M	

364. UPA University of Pennsylvania Morris Arboretum
9414 Meadowbrook Avenue Philadelphia PA 19118 USA
Schaub, B

365. URAIPQ All-Union Institute for Plant Quarantine Ministry of Agriculture
Orlikov per. 1/11 Moscow 107139 USSR

Izhevsky, S S	Jershova, N I	Kravchenko, M A
Kusnetsov, V N		

366. URUFRI Ukrainian Forestry Research Institute Ministry of Forestry, Ukrainian SSR
Khar'kov Ukrainian SSR USSR
Timchenko, G

367. USHRL U.S. Horticultural Research Laboratory ARS, USDA
2120 Camden Road Orlando FL 32803 USA

Schroeder, W J	Sutton, R A

368. USVL U S Vegetable Laboratory ARS, USDA
2875 Savannah Highway Charleston SC 29407 USA
Creighton, C S

369. UTNEXT University of Tennessee Cooperative Extension Service
Knoxville TN 37901 USA

Ayers, C L	Beaty, J C	Breeding, D
Brewer, L R	Carr, P	Cole, J D
Garrison, H B	Gordon, D H	Grooms, C
Jackson, W R	Jernigan, B H	Keeton, B B
Knight, F E	Luna, R M	Matthews, J T
Morton, J	Shelby, T O	Shepard, J B
Shepard, M O	Smith, R D	Taylor, J D
Taylor, J L	Thackston, R	Winsett, J

370. UTSU Utah State University Dept. of Biology
Logan UT 84322 USA
Davis, D W

371. UTSUEXT Utah State University-Extension Cooperative Extension Service
Utah State University, UMC 49 Logan UT 84322 USA
Roberts, R S

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

372. UWI University of Wisconsin Department of Entomology
Madison WI 53706 USA

Coppel, H C	Mohamed, M

373. UWIEXT University of Wisconsin, Extension County Agent
Madison WI 53706 USA

Anderson, W G	Ankley, D	Ausderau, E
Biese, J J	Blonde, M P	Brovold, A
Daentl, D	Draves, L	Draxler, D
Drewiske, B	Fanta, J	Hendrickson, S
Jennings, N S	Kraemer, C	Luckow, R
Martin, L J	Nehring, D P	O'Connell, T
Olson, D N	Olson, M	Richards, R P
Schachtner, N	Sommerfield, K	Trzebiatowski, J
VanFleet, R	Vruwink, H	Wood, T

374. UWY University of Wyoming Division of Plant Science
University Station, P.O. Box 3354 Laramie WY 82071 USA

Duffy, C J	Hoel, C	Lavigne, R J
Littlefield, J L	McNamee, T	Nield, S

375. VAABK A B Kindrick P O Box 83
Earlysville VA 22936 USA
Kindrick, A B

376. VABJS B J Shaw-Kennedy Woodvale Farm
Route 7, Box 207-B Charlottesville VA 22901 USA
Shaw-Kennedy, B J

377. VADACS Virginia Dept. Agr. & Consumer Services Div. Prod. & Indus. Regulation
Plant Pest Control Lab, 1100 Bank Street Richmond VA 23219 USA

?, ?	Tate, J R

378. VADACSVB Virgina Dept. Agr. & Consumer Services Div.Prod.&Ind.Reg., Plant Pest Contr.Lab
1444 Diamond Springs Road Virginia Beach VA 23455 USA
Hays, B A

379. VADACSW Virginia Dept. Agr. & Consumer Services Warrenton Station
234 West Shirley Ave Warrenton VA 22186 USA
Morris, B

380. VADF Virginia Division of Forestry, DC&ED Insect and Disease Investigations
Box 3758 Charlottesville VA 22903 USA
Morris, C L

381. VATORSP Virginia Truck & Ornamental Research Sta Eastern Shore Branch
Route 1, Box 133 Painter VA 23420 USA
Sherrod, D W

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

382. VAWBS W B Sheldon Star Route A, Box 26
Hightown VA 24444 USA
Sheldon, W B

383. VPI Virginia Polytechnic Inst & State Univ Department of Entomology
Blacksburg VA 24061 USA
Kok, L T Kosztarab, M Mays, W T
McAvoy, T J

384. VTDAA Vermont Department of Agriculture Plant Industry, Apiculture Division
116 State Street Montpelier VT 05602 USA
Drutschas, R A

385. VTERL Veterinary Toxicology & Entomol Res Lab ARS, USDA
P. O. Drawer GE College Station TX 77841 USA
Blume, R R Fincher, G T Hunter, J S

386. WAFCNWCB Ferry Co Noxious Weed Control Board P.O. Box 372
Republic WA 99166 USA
Bradburn, S

387. WAKNWCB Klickitat County Noxious Weed Control Bd 228 W Main
Goldendale WA 98620 USA
Gorman, B

388. WAKWD1
Wright, T

389. WAONWCB Okanogan County Noxious Weed Control Bd
Okanogan WA 98840 USA
Stiverson, J

390. WASU Washington State University Department of Entomology
Pullman WA 99164 USA
Piper, G L

391. WASUEXTL Lewis County Extension Office Lewis County Court House
345 West Main Street Chehalis WA 98532 USA
Brosnahan, J J McPhail, M

392. WASUEXTP Washington State University Cooperative Extension Service
Pomeroy WA 99347 USA
Bragg, D

393. WASUEXTW Washington State University Cooperative Extension Service
Walla Walla WA 99362 USA
Gary, W

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

394. WASUP Washington State University Irrigated Agriculture Res. & Ext. Ctr.
P O Box 30 Prosser WA 99350 USA
Pike, K S

395. WASUPP Washington State University Department of Plant Pathology
Pullman WA 99164 USA
Line, R F

396. WCRL Western Cotton Research Laboratory ARS, USDA
4135 East Broadway Road Phoenix AZ 85040 USA
Butler, G D

397. WICCSC Centrol Cooperative of Sauk City Agronomic Services
112 Van Buren St Sauk City WI 53583 USA
Cole, A D Liegel, E

398. WIDNR Wisconsin Dept of Natural Resources 3911 Fish Hatchery Road
Fitchburg WI 53711 USA
Hall, D J

399. WSSGCPP Samoan German Crop Protection Project P O Box 597
Apia Western Samoa
Stechmann, D H

400. WVDAI West Virginia Department of Agriculture Plant Pest Control Division
P.O. Box 66 Inwood WV 25428 USA
Dean, N Mason, T L Wydoski, R

401. WVDAU West Virginia Department of Agriculture P.O. Box 221
Union WV 24983 USA
Bostic, E

402. WVTR The Rocks (Organic Farm) Rural Route
Charles Town WV 25414 USA
Coiner, C

403. WYAP Amaco Products
Evanston WY 82930 USA
Jensen, J

404. WYCCWPCD Crook Co Weed & Pest Control Division
Sundance WY 82729 USA
Bornkessel, J G

405. WYGCWPCD Goshen Co Weed & Pest Control Division
Torrington WY 82240 USA
Schwartzkopf, R

SECTION VIII - PARTICIPATING RESEARCH AND ACTION AGENCY PERSONNEL

PART D - All Personnel, Listed Alphabetically by Facility Acronym, with Addresses

406. WYLCWPCD Lincoln Co Weed & Pest Control Division Box 1117
Afton WY 83110 USA
Neil, S

407. WYPCWPCD Park Co Weed & Pest Control Division P O Box 626
Powell WY 82435 USA
Parsons, R R

408. WYSCWPCD Sublette Co Weed & Pest Control Division
Pinedale WY 82941 USA
Burroughs, L

409. YARL Yakima Agricultural Research Laboratory ARS, USDA
3706 West Nob Hill Blvd Yakima WA 98902 USA
Fye, R E Tamaki, G

ANNUAL REPORT OF INTRODUCED BENEFICIAL ORGANISMS RELEASED IN THE UNITED STATES AND TERRITORIES - 1982

SECTION IX - SUMMARY INFORMATION - 1982

+ = Some records with unknown release amounts

	Total Number of Species Released	Total Number of Specimens Released	Total Number of Hosts/Prey Released Against	Total Number States/Terr. Releases Made	Total Number of Counties Releases Made
Parasites	113	20,034,220e+	68	41	933
Predators	38	497,082e+	15	8	22
Weed Control Agents	21	9,511,178e+	18	27	173
Microbial Agents	1	N/A	1	1	1
Pollinators	3	18,428	N/A	6	7
Other Beneficial Species	3	4,267	N/A	2	4
Grand Totals	179	30,065,175e+	97	46	1113

NOTE: Some parasites and predators were released against the same hosts/prey and therefore the grand total is not a sum of the figures in that column. Similarly, several kinds of beneficial organisms were released in the same States/Territories and counties, and the grand totals are not the sums of the figures in those columns.

☆ U.S. GOVERNMENT PRINTING OFFICE:1992-715-822

NATIONAL AGRICULTURAL LIBRARY
1022403779

NATIONAL AGRICULTURAL LIBRARY
1022403779